Honda Acura Engine Performance

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.
This guide for building a race-winning Ford engine includes chapters on parts and engines, cylinder block, cylinder heads, bottom-end modifications, exhaust systems, cooling systems, final engine assembly, dyno-tested performance combinations and more.
The first book of its kind, How to Rebuild the Honda B-Series Engineshows exactly how to rebuild the ever-popular Honda B-series engine. The book explains variations between the different B-series designations and elaborates upon the features that make this engine family such a tremendous and reliable design. Honda B-series engines are some of the most popular for enthusiasts to swap, and they came in many popular Honda and Acura models over the years, including the Civic, Integra, Accord, Prelude, CRX, del Sol, and even the CR-V. In this special Workbench book, author Jason Siu uses more than 600 photos, charts, and illustrations to give simple step-by-step instructions on disassembly, cleaning, machining tips, pre-assembly fitting, and final assembly. This book gives considerations for both stock and performance rebuilds. It also guides you through both the easy and tricky procedures, showing you how to rebuild your engine and ensure it is working perfectly. Dealing with considerations for all B-series engines-foreign and domestic, VTEC and non-VTEC-the book also illustrates many of the wildly vast performance components, accessories, and upgrades available for B-series engines. 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. You'll even find tips that will help you save money without compromising top-notch results.
F1 Mavericks is the story of the grandest, most influential, and most fondly remembered era in Formula 1 racing as seen through the lens of master motorsports photographer, Pete Biro. The period from 1960 to 1982 saw the greatest technological changes in the history of Formula 1 racing: the transition from front engines to rear engines, narrow-treaded tires, massive racing slicks, zero downforce, and neck-wrenching ground effects—and, of course, a staggering increase in performance and reduction in lap times. In short, the period saw the creation of the modern Formula 1 car. This is also the time when legendary names who defined F1 were out in full force: Jim Clark, Jack Brabham, Dan Gurney, Sir Jackie Stewart, Graham Hill, Niki Lauda, James Hunt, Bruce McLaren, Jody Scheckter. We'll see and meet all of them. But F1 Mavericks also focuses on the designers and engineers behind the cars—men like Colin Chapman, Sir Patrick Head, Maurice Philippe, Franco Rochhi, Gordon Murray, and many others. We'll hear directly from many of them, including a foreword from 1978 F1 World Champion, Mario Andretti. Every chapter is a photographic account of key races throughout the period, supplemented with sidebars featuring key designers and technologies, like wings, ground effects, slick tires, turbochargers, and the Brabham "fan" suction car. F1 Mavericks is an international story, and includes loads of information on designs from Japan (Honda), Britain (McLaren, Tyrrell, Cooper, BRM) Italy (Ferrari, Maserati, Alfa Romeo), France (Matra, Ligier, Renault), Germany (Porsche, BMW) and the United States (Eagle, Shadow, Penske, Parnelli). Strap yourself in for the story of the greatest era in Formula 1 racing—it's all here in F1 Mavericks.
Parts, Blueprinting, Modifications, and Dyno Testing for Drag, Circle Track,Road , Off-Road, and Boat Racing. Covers All Small-Block Fords, 302/5.0L, and351W/5.
Big Block Chevy Engine BuildupsHP1484
Honda Engine Swaps
Hundreds of Technical Tips on Engine, Chassis, Suspension, Drivetrain,Bodywork, Electrical and Interior for Any Street Rod Project
Honda and Acura Performance Handbook
How to Modify D, B, and H Series Honda/Acura Engines for Street and Drag Racing Performance
The first in a series of books compiled by Sport Compact Car magazine, this authoritative handbook takes on the hot rod trend of import performance. This specialized guide includes the latest how-to advice on every facet of modifying Honda Civics and Accords and Acura Integras.
A guide to what has been the #1 modified import car for the street during the last decade?the Honda engine. This book covers some performance theory basics, then launches into dyno-tested performance parts combinations for each B-series engine. Topics covered include: performance vs. economy; air intakes, manifolds and throttle bodies; tuning; turbocharging; supercharging; and nitrous oxide.
A complete owner?s guide for owners and enthusiasts of Toyota?s MR2, one of the most successful mid-engined sports cars ever built. Includes: History, sales and model year details; OEM Maintenance and Repairs; Chassis, Brake & Suspension Upgrades; Engine Bolt-On Modifications; Racing Your MR2; Safety; and ?staged? combinations to build MR2s for any high-performance use, from mild street to autocrossing and road racing.
Honda/Acura Engine PerformanceHow to Modify D, B, and H Series Honda/Acura Engines for Street and Drag Racing PerformancePenguin
How to Build Small-Block Ford Racing Engines HP1536
Engine Airflow HP1537
How to Rebuild Big-Block Chevy Engines, 1991-2000 Gen V & Gen VIHP1550
Honda Civic/Acura Integra Performance Projects
Acura-Honda NSX 1989-1999 Performance Portfolio
Performance Fuel Injection Systems HP1557

How to build and maintain a show-winning street rod. A collection of brief, informative technical tips that cover the entire range of building and maintaining street rods. Includes tips on every aspect of the mechanicals, exterior, and interior.

- Suspension modifications for street, strip, or track--springs, shocks, bushings, anti-roll bars, strut tower bars, wheels and tires- Bolt-on performance--air induction systems, cam timing and overdrive pulleys, headers, exhaust systems, ignition, and ECU technology- Hard core engine modification--complete engine swap information that tells you which are the best and easiest swaps and which are the ones to avoid, pistons, head work, cams, engine building tricks, supercharging vs. turbocharging, and nitrous- Getting the power to the pavement--clutches and flywheels, differential, and shifters- Braking--pads, rotors, and discs all around- Exterior interior styling - exterior styling components (including rear deck wings) and a chapter on exterior graphics- Interior design--seats, door panels, gauges, and cages- Performance driving--road racing and autocross, drag racing, and driving schools- Finding and starting a Honda club- The history of the Civic with photos of the various models

The Honda K-Series engine was introduced in 2001, replacing the B-Series as the engine of choice for Honda enthusiasts. These new K-Series engines are the most powerful stock Honda/Acura engines you can get. They featured new technology such as a roller rocker valvetrain, better flowing heads, and advanced variable cam timing technology that made these engines suddenly the thing to have. And that's where the engine swappers come in. In Honda K-Series Engine Swaps, author Aaron Bonk guides you through all the details, facts, and figures you will need to complete a successful K-Series swap into your older chassis. All the different engine variants are covered, as well as interchangeability, compatibility, which accessories work, wiring and controls operation, drivetrain considerations, and more. While you can still modify your existing B-Series, dollar for dollar, you can't make more power than you can with a Honda K-Series engine. If you have an older chassis and are looking for a serious injection of power and technology, swapping a K-Series engine is a great option. Honda K-Series Engine Swaps will tell you everything you need to know.

When it comes to their personal transportation, today's youth have shunned the large, heavy performance cars of their parents' generation and instead embraced what has become known as the "sport compact"--smaller, lightweight, modern sports cars of predominantly Japanese manufacture. These cars respond well to performance modifications due to their light weight and technology-laden, high-revving engines. And by far, the most sought-after and modified cars are the Hondas and Acuras of the mid-'80s to the present. An extremely popular method of improving vehicle performance is a process known as engine swapping. Engine swapping consists of removing a more powerful engine from a better-equipped or more modern vehicle and installing it into your own. It is one of the most efficient and affordable methods of improving your vehicle's performance. This book covers in detail all the most popular performance swaps for Honda Civic, Accord, and Prelude as well as the Acura Integra. It includes vital information on electrics, fit, and drivetrain compatibility, design considerations, step-by-step instruction, and costs. This book is must-have for the Honda enthusiast.

A Guide to Nuts, Bolts, Fuel, Brake, Oil and Coolant Lines, Hoses, Clamps, Racing Hardware and Plumbing Techniques
Hot Rod Small Block Mopar Engines HP1405
The Car Hacker's Handbook
How to Design, Build, Modify, and Tune EFI and ECU Systems.Covers Components, Se nsors, Fuel and Ignition Requirements, Tuning the Stock ECU, Piggyback and Stan
How to Build Honda Horsepower
Everything You Wanted to Know about the Science of Raising Children but Were Too Exhausted to Ask

A practical guide to modifying and tuning modern electronic fuel injection (EFI) systems, including engine control units (ECUs). The book starts out with plenty of foundational topics on wiring, fuel systems, sensors, different types of ignition systems, and other topics to help ensure the reader understands how EFI Systems work. Next the book builds on that foundation, helping the reader to understand the different options available: Re-tuning factory ECUs, add on piggyback computers, or all out standalone engine management systems. Next Matt and Jerry help the reader to understand how to configure a Standalone EMS, get the engine started, prep for tuning, and tune the engine for maximum power and drivability. Also covered is advice on tuning other functions-- acceleration enrichments, closed loop fuel correction, and more. Finally, the book ends with a number of case studies highlighting different vehicles and the EMS solutions that were chosen for each, helping to bring it all together with a heavy emphasis on how you can practically approach your projects and make them successful!

This informative, fully illustrated handbook includes basic discussion on the science of engine airflow and relationships, how flowbenches work, testing individual engine components, how to analyze the data, calibration issues, intake and exhaust tuning, engine formulas, and putting it all together for maximum performance.

The all-new K-series engines are now found in all Honda and Acura performance models, and are also becoming the engine swap of choice. You'll find chapters detailing upgrades to the intake, exhaust, cylinder heads, camshafts, and short block, as well as on how to add turbochargers, superchargers, and nitrous oxide. Don't spend your hard-earned cash figuring out what works and what doesn't--pick up Building Honda K-Series Engine Performance and know for s u r e . & a m p; n b s p; & a m p; n b s p; & a m p; n b s p; & a m p; n b s p; & a m p; n b s p; & a m p; n b s p; & a m p; n b s p; & a m p; n b s p; & a m p; n b s p; & a m p; n b s p; & a m p; n b s p; & a m p; n b s p;

This step-by-step guide to rebuilding LT1 small-block Chevy engines includes sections on disassembly and inspection, reconditioning the block and bottom end, reconditioning and rebuilding the cylinder heads, fuel injection systems, and exhaust.

Street Rodding Tips and TechniquesHP1515
The Men and Machines that Revolutionized Formula 1 Racing
Honda/Acura Performance
Upgrade to More Horsepower & Advanced Technology
High Performance Street and Racing Modifications for Honda Civic/Accord and Acura
Shelby Mustang

With more than 3 million current generation Mustangs built since 1987, this fully illustrated guide shows everything an owner needs to know to modify the Mustang for maximum performance.
Honda performance enthusiasts all have one basic question when it comes to making their cars faster: "What parts work, and what parts don't?" The only way to answer that question is to install various parts on a car and test the power output on a dynamometer (dyno). Richard Holdener has done that in High Performance Honda Dyno Tests. Holdener's extensive testing provides dyno-proven data for all popular Honda performance parts, from air intake systems to exhausts, cams and cylinder heads to nitrous, turbos, and superchargers. There is even a chapter on engine build-ups. In addition, dyno tests on nearly every Honda model, from the single-cam DX to the 2.2L Prelude, are included. Acura models are covered as well, from the 1.8L LS through the GSR and Type R all the way up to exotic NSX. There is no better place to find performance answers than in this book.
The essential reference guide for choosing the right fastener and plumbing for any automotive high performance, custom or racing application. This user-friendly guide explains high-performance fasteners, plumbing, and all the other hardware used by racers, rodders, restorers and all other auto enthusiasts. Subjects include hose sizes, fittings, materials, routing and installation tips, heat shielding, brake, fuel, coolant, and oil lines, as well as fastener technology such as thread sizing, clamping loads, bolt stretch, and fastener styles.
Multi-time author and well-regarded performance engine builder/designer John Baechtel has assembled the relevant mathematics and packaged it all together in a book designed for automotive enthusiasts. This book walks readers through the complete engine, showcasing the methodology required to define each specific parameter, and how to translate the engineering math to hard measurements reflected in various engine parts. Designing the engine to work as a system of related components is no small task, but the ease with which Baechtel escorts the reader through the process makes this book perfect for both the budding engine enthusiast and the professional builder.
The Ultimate Guide to the World's Most Popular Sport Compact Car--the Honda Civic
Engine Management
High-performance Honda & Acura Buyer's Guide

Parentology
Ford Windsor Small-Block Performance HP1558

The sport compact performance market is hot and getting hotter - and while the Honda Civic and Acura Integra have long been the dominant players in the market, a newcomer is emerging as a popular car for performance modifications - The Ford Focus. Well-built, inexpensive, good looking, and easy to modify, the Focus is quickly catching the Hondas in terms of market popularity. This book shows Focus owners exactly what it takes to improve their car's performance, from simple modifications like installing a new air intake to radical mods like installing a turbocharger. The author also shows what those modifications can do, with before-and-after dyno tests for each modification. There's also extensive info on suspension and brake modifications for better handling and braking. It's a one-stop shop for those who want a sharper, faster Focus. Dimensions: 8-3/8 x 10-7/8 inches # of color photographs: None inside- color cover only # of black and white photographs: 300

A fully illustrated step-by-step guide to rebuilding big-block Chevys for better-than-stock performance. For millions of Chevy car and truck owners, this is the best and most complete engine rebuilding guide, including informative sections on: Casting numbers and parts ID ? Disassembly ? Cleaning and inspection ? Cylinder block and bottom-end reconditioning ? Cylinder head reconditioning ? Engine specs and clearances ? Step-by-step engine reassembly ? Torque values ? OEM part numbers

Modern cars are more computerized than ever. Infotainment and navigation systems, Wi-Fi, automatic software updates, and other innovations aim to make driving more convenient. But vehicle technologies haven't kept pace with today's more hostile security environment, leaving millions vulnerable to attack. The Car Hacker's Handbook will give you a deeper understanding of the computer systems and embedded software in modern vehicles. It begins by examining vulnerabilities and providing detailed explanations of communications over the CAN bus and between devices and systems. Then, once you have an understanding of a vehicle's communication network, you'll learn how to intercept data and perform specific hacks to track vehicles, unlock doors, glitch engines, flood communication, and more. With a focus on low-cost, open source hacking tools such as Metasploit, Wireshark, Kayak, can-utils, and ChipWhisperer, The Car Hacker's Handbook will show you how to: –Build an accurate threat model for your vehicle –Reverse engineer the CAN bus to fake engine signals –Exploit vulnerabilities in diagnostic and data-logging systems –Hack the ECU and other firmware and embedded systems –Feed exploits through infotainment and vehicle-to-vehicle communication systems –Override factory settings with performance-tuning techniques –Build physical and virtual test benches to try out exploits safely If you're curious about automotive security and have the urge to hack a two-ton computer, make The Car Hacker's Handbook your first stop.

Shelby Mustang details the entire story of these fantastic cars, from the early prototypes built in Shelby's Los Angeles shop to today's Ford-engineered high-tech performers. Written by one of the world's foremost authorities on Shelby automobiles, critically acclaimed author Colin Comer, and with a foreword by Lee Iacocca, the American automobile executive credited with the successful development of the Mustang, this is the definitive account of the Shelby. When Ford wanted to toughen up its super-successful new Mustang, they approached Carroll Shelby to give it the performance image it so sorely lacked. Beginning with a 1965 "K-Code" 289-cubic-inch-powered Mustang fastback, Shelby applied the same formula that had made his Cobra sports cars such devastating performers both on and off the track: more horsepower, less weight, balanced handling. The GT350 quickly established itself as a bonafide force in SCCA B-Production racing, twisting back roads, and boulevards alike—setting the course for future Shelby Mustangs, like the big-block GT500. Though those original Shelby Mustangs were done by 1970, Ford dusted off its Shelby relationship in 2006 and has been producing high-performance Ford Mustang Shelbys ever since. This is a must-have read for any fan of American performance cars, whether you're a muscle-era original or a 21st-century stormer.

Honda & Acura Engine Performance
Dyno-Tested Performance Parts Combos, Supercharging, Turbocharging and NitrousOx ide--Includes B16A1/2/3 (Civic, Del Sol), B17A (GSR), B18C (GSR), B18C5 (TypeR,
Modify and Build 302/5.0L ND 351W/5.8L Ford Small Blocks
Small-Block Chevy Engine Buildups HP1400
How to Rebuild Honda B-Series Engines
Honda K-Series Engine Swaps

This new edition of Motorbooks' best-selling guide to Honda and Acura performance now delivers more and better information than ever before. Whether you're headed to the street, drag strip, race track, or autocross course, this new edition provides the latest information from the world of Honda and Acura tuning. All the latest engine upgrades, electronic tuning, suspension tweaks, intake and exhaust systems and more are presented here in color for the first time. More than just a glorified parts catalog, this book tells the truth about which aftermarket parts work, which don't, and how to plan a Honda or Acura buildup. Revised and updated second edition.

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.

The NSX was announced in 1989 and introduced in 1990. It was a technical tour de force v aluminum body structure and suspension, mid-mounted quad-cam 24-valve V6 engine. However, Honda was supposed to be a family car maker and not a producer of supercars, and the NSX did not have the pedigree of a Porsche or Ferrari. Honda persevered adding a targa top and automatic options. Nevertheless the NSX was more than a pretender to the supercar crown by offering reliability and drivability. This is a book of contemporary road and comparison tests, specification and technical data, driver's impressions. Includes: F-Matic, NSX-T, NSX-R, NSX-T F-Matic, Automatic.

The editors of Chevy High Performance magazine combine their knowledge in this step-by-step guide to big-block Chevy engine buildups—from low-budget engine projects for mild street performance, to all-out race motors for drag strip action. Bolt-on modifications, engine block prep, cylinder heads, intake and exhaust systems, dyno-tested combinations, and more are covered in detail

A Practical Owner's Guide for Everyday Maintenance, Upgrades and Performance Modifications. Covers 1985-2005, All Makes and Models
Toyota MR2 Performance HP1553
Chevy LS1/LS6 Performance HP1407
F1 Mavericks
High Performance Modifications for 5.04/4.6 Liter Mustangs
4. Internationale ATZ-Fachtagung Fahrzeugakustik

A comprehensive guide to modifying the D, B and H series Honda and Acura engines.
You know you want to buy a Honda or Acura to modify, but you're not sure which one has the most powerful engine, the best-handling suspension, or the most available aftermarket upgrades? The High-Performance Honda and Acura Buyer's Guide can help you with all of these questions and more. It's hard enough deciding between all the available Civics, Integras, Accords, and Preludes, but you also have to consider the RSX, TSX, S2000, and even the NSX. Don't worry - High-Performance Honda and Acura Buyer's Guide covers them all. Author Aaron Bonk covers each of these models through the years, comparing their standard performance features and discussing what it takes to make them go fast and look great using aftermarket performance parts or factory upgrades. Three hundred color photos show you what each of these Hondas and Acuras look like both stock and modified. He examines stock performance and popular modifications for each, so you can decide which model is the best to meet your performance goals - whether you want to drag race, road race, or just improve street performance.
Even before the heyday of Von Dutch and Big Daddy, the ultimate way to personalize your car or motorcycle was to lay some wicked lines on top of the paintwork. Done with a steady hand and an eye for style, pinstripes speak volumes. In How to Pinstripe, acclaimed veteran striper Alan Johnson teaches you everything you need to know to get started, to further your mastery of the form, or to simply understand how a good design comes together. Following a primer on the history and evolution of pinstriping, this book launches into a step-by-step guide to the pinstriping process--from choosing paint and brushes that suit your style and abilities, to preparing surfaces, experimenting with symmetrical and asymmetrical designs, striping freehand, and using grids and patterns. While stressing the importance of finding your own style and having fun with the hobby, Johnson also explains the basics of color theory and unique considerations for antique and classic cars, hot rods and customs, and motorcycles. For more advanced pinstripers, theres also tried-and-true advice on apprenticing and working car shows. Illustrated with color photography throughout, How to Pinstripe is the perfect source for beginners and veterans alike.
So you want to turn your Yugo into a Viper? Sorry--you need a certified magician. But if you want to turn your sedate sedan into a mean machine or your used car lot deal into a powerful, purring set of wheels, you've come to the right place. Car Hacks & Mods for Dummies will get you turbo-charged up about modifying your car and guide you smoothly through: Choosing a car to mod Considering warranties, legal, and safety issues Hacking the ECU (Engine Control Unit) to adjust performance-enhancing factors like fuel injection, firing the spark plugs, controlling the cooling fan, and more Replacing your ECU with a plug and play system such as the APEXi Power FC or the AEM EMS system Putting on the brakes (the faster you go, the faster you'll need to stop) Setting up your car for better handling and cornering Written by David Vespremi, automotive expert, frequent guest on national car-related TV shows, track driving instructor and self-proclaimed modder, Car Hacks & Mods for Dummies gets you into the ECU and under the hood and gives you the keys to: Choosing new wheels, including everything from the basics to dubs and spinners Putting your car on a diet, because lighter means faster Basic power bolt-ons and more expensive power adders Installing roll bars and cages to enhance safety Adding aero add-ons, including front "chin" spoilers, real spoilers, side skirts, and canards Detailing, down to the best cleaners and waxes and cleaning under the hood Using OBD (on-board diagnostics) for troubleshooting Getting advice from general Internet sites and specific message boards and forums for your car's make or model, whether it's a Chevy pick-up or an Alfa Romeo roadster Whether you want to compete at drag strips or on road courses or simply accelerate faster on an interstate ramp, if you want to improve your car's performance, Car Hacks & Mods for Dummies is just the boost you need.
Mustang Performance Tuning
Civic Duty
Performance Automotive Engine Math
High-Performance Ford Focus Builder's Handbook
Motor Imported Engine Performance & Driveability Manual
A Practical Guide to Airflow Theory, Parts Testing, Flow Bench Testing and Analy zing Data to Increase Performance for Any Street or Racing Engine

A complete performance guide for Chevrolet's newest generation LS1 small-block Chevy engine. Includes sections on bolt-ons, cylinder heads, intake manifolds, camshafts and valvetrain, fuel injection, block prep, final assembly, exhaust, and forced induction.
Technische Akustik und NVH gehören zu den wichtigsten Indikatoren für Fahrzeugqualität und -verarbeitung. Mit den grundlegenden Veränderungen der Antriebstechnik rücken diese Aspekte daher zunehmend in den Fokus der Automobilforschung und -entwicklung. Fahrzeugarchitekturen, Antriebssysteme und Designgrundsätze werden weltweit wegen der Emissionsgesetzgebungen, die energieeffiziente Fahrzeuge fördern, einer kritischen Betrachtung unterzogen. Schon in sehr naher Zukunft wird die gleiche oder eine höhere NVH-Performance durch Leichtbaustrukturen, kleinere Motoren mit Turbolader oder auch alternative Antriebsstränge erreicht werden müssen. Die internationale Automotive Acoustics Conference bietet hierbei ein wichtiges globales Forum für den Informationsaustausch.
How to Hot Rod Small-Block Mopar Engines is a completely revised, updated edition of Larry Shepard's classic, first published in 1989. Inside you'll find the latest, updated information to help modify your small-block A series Mopar for high performance, street, circle track, or drag racing. Also included are updated parts information and techniques for: - Block, cranks, pistons and rods - Cylinder heads - Camshafts and valvetrain - Blueprinting techniques - Step-by-step engine assembly guide - Oil, cooling, ignition and induction systems - Engine swapping guide - Engine installation and break-in tips - Casting numbers and torque specs New part numbers, photos, parts combinations and illustrations highlight this classic handbook on how to build the ultimate small-block Mopar engine. Takes engine-tuning techniques to the next level. It is a must-have for tuners and calibrators and a valuable resource for anyone who wants to make horsepower with a fuel-injected, electronically controlled engine.
High Performance Fasteners and Plumbing
The Total Performance Pony Car
Xtreme Honda B-Series Engines HP1552
Car Hacks and Mods For Dummies
Automotive Acoustics Conference 2017
Building Honda K-Series Engine Performance

Here are the most popular and useful modifications and maintenance projects for the Honda Civic and Acura Integra models that are very popular with performance enthusiasts. Modifications are described in detail, including the pros and cons of particular modifications, reasons behind why each project modification should be considered, and quirks inherent to particular cars that could make certain modifications especially beneficial or detrimental. A variety of projects are included for novice mechanics as well as more experienced wrenches. The projects range from maintenance procedures to installing bolt-on parts and on to more extensive procedures like engine and suspension tuning. The information on how to perform these projects is very detailed, including such things as torque specs and hints and tricks that help the reader do the job better and more efficiently.

An award-winning scientist offers his unorthodox approach to childrearing: "Parentology is brilliant, jaw-droppingly funny, and full of wisdom…bound to change your thinking about parenting and its conventions" (Amy Chua, author of Battle Hymn of the Tiger Mother). If you're like many parents, you might ask family and friends for advice when faced with important choices about how to raise your kids. You might turn to parenting books or simply rely on timeworn religious or cultural traditions. But when Dalton Conley, a dual-doctorate scientist and full-blown nerd, needed childrearing advice, he turned to scientific research to make the big decisions. In Parentology, Conley hilariously reports the results of those experiments, from bribing his kids to do math (since studies show conditional cash transfers improved educational and health outcomes for kids) to teaching them impulse control by giving them weird names (because evidence shows kids with unique names learn not to react when their peers tease them) to getting a vasectomy (because fewer kids in a family mean smarter kids). Conley encourages parents to draw on the latest data to rear children, if only because that level of engagement with kids will produce solid and happy ones. Ultimately these experiments are very loving, and the outcomes are redemptive—even when Conley's sassy kids show him the limits of his profession. Parentology teaches you everything you need to know about the latest literature on parenting—with lessons that go down easy. You'll be laughing and learning at the same time.
The photos in this edition are black and white. The first edition of Honda Builder's Handbook Vol. 1 has become the Bible of how-to books for high-performance sport compact and Honda enthusiasts alike, having sold over 29,000 copies. This new revised edition brings the reader up to date with the latest tricks and techniques used to get maximum horsepower from Honda engines. This revision covers all the fundamentals of super-tuning a high-performance Honda/Acura engine and give real world examples that prove the theory and show you how it works in practice. This edition contains advice from Honda performance experts, like Oscar Jackson of Jackson Racing and Rob Smith of RPS. It also includes build-up information on a B20/B16 Hybrid, a 12-second turbo-charged GSR Civic, PAC Motorsports stroker motors, and a B20/B16Ai Frankenstein combination, and covers the build-up of an ultra-radical 825-horsepower turbocharged B18CI Honda Civic. Table of contents includes: How to Build Honda Power; Bolt-On Performance Guide; Tuning The Airflow Path; Bottom End Building Tech; Camshaft Choices & Tuning; Tuning Fuel Injection; Ignition Tuning; Hot Street & Strip Combinations; Turbocharged Project CRX. Appendices include: Drag Strip Dyno; How To Find Mean Effective Pressure; Horsepower/Torque Air/Fuel Mass Air Flow; VTEC Explained; Russ Collins Blueprints B16A1 Build; Jackson Racing D16 Blueprint Summary; AEM Engine ID and Spec Chart; Source Guide.
How to Pinstripe
Advanced Tuning
High-Performance Honda Builder's Handbook
Rebuild LT1/LT4 Small-Block Chevy Engines HP1393
A Guide for the Penetration Tester
Honda/Acura Engine Performance