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# 101 Sportbike Performance Projects

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Motorcycle Fuel Injection Handbook  
How to Build Ford Flathead V-8 Horsepower  
The Small-Engine Handbook  
How to Custom Paint Your Car  
Suzuki GSX-R Performance Projects  
Billy Lane's How To Build Old School Choppers, Bobbers and Customs  
How to Plate, Polish, and Chrome  
Wheel and Tire Performance Handbook  
Garage and Workshop Gear Guide  
Race Tech's Motorcycle Suspension Bible  
How to Repair Your Motorcycle  
Harley-Davidson Sportster Performance Handbook, 3rd Edition  
Mazda MX-5 Miata  
VW GTI, Golf, Jetta, MK III & IV  
101 Sportbike Performance Projects  
Yamaha YZF & WRF Performance Projects  
Find It. Fix It. Trick It.  
For Evolution Big Twins and Sportsters  
Honda CRF Performance Handbook  
Autocross Performance Handbook  
Motorcycle Touring  
Weekend Projects for Your Classic Corvette 1953-1982  
How to Use Automotive Diagnostic Scanners  
101 GM Muscle Car Performance Projects  
How to Ride a Motorcycle: A Rider's Guide to Strategy, Safety and Skill Development  
How To Use Implements on Your Small-Scale Farm  
How to Restore and Customize Auto Upholstery & Interiors  
Weekend Projects for Your Mustang 2005-Today  
How to Master Airbrush Painting Techniques  
Nitrous Oxide Performance Handbook  
How to Paint Your Show Car  
How to Build a High-Performance Mazda Miata MX-5  
High-Performance Handling for Street or Track  
How to Restore Your BMW Twin, 1955-1985  
101 Harley-Davidson Twin Cam Performance Projects  
Four-Stroke Motocross and Off-Road Performance Handbook  
Calvin Wan's Drifting Performance Handbook  
How to Build a Harley-Davidson Torque Monster

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## ROBINSON KANE

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### *Motorcycle Fuel Injection Handbook* Motorbooks

This book provides detailed coverage of upholstery and interior options, including the variety of materials, projected costs, tools used, and more.

### *How to Build Ford Flathead V-8 Horsepower* Motorbooks

Many people modify their Harley-Davidson engines—and find the results disappointing. What they might not know—and what this book teaches—is that emphasizing horsepower over torque, the usual approach, makes for a difficult ride. Author Bill Rook has spent decades perfecting the art of building torque-monster V-twin Harley engines. Here he brings that experience to bear, guiding motorcycle enthusiasts through the modifications that make a bike not just fast but comfortable to ride. With clear, step-by-step instructions, his book shows readers how to get high performance out of their Harleys—and enjoy them, too.

### *The Small-Engine Handbook* Motorbooks International

This thorough how-to manual helps the off-road motorcycle enthusiast get the most out of their machine. This one-stop reference covers everything from basic maintenance to performance modifications, including:

- Engine rebuilding
- Transmission rebuilding
- Clutch repair and rebuilding
- Big-bore kits
- Cam kits and valve timing and tuning
- Tuning stock suspension
- Suspension revalving and kits
- Jetting and tuning carburetors
- Tuning electronic fuel injection
- Wheels, tires, and brakes
- Chains and sprockets
- Cooling systems
- Electrical systems

### *How to Custom Paint Your Car* Motorbooks

Clear, step-by-step lessons from the master in the technology and techniques of airbrush art for any vehicle or surface.

### **Suzuki GSX-R Performance Projects** MotorBooks International

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.

### *Billy Lane's How To Build Old School Choppers, Bobbers and Customs* Motorbooks

Many of the most popular cars of the muscle era came from General Motors. Spread across the General's various marques were models like the Camaro, Chevelle, GTO, Cutlass, Skylark, Tempest, Impala, Monte Carlo, El Camino, and many others. This book will provide 101 hands-on, how-to

projects aimed directly at fans of classic GM muscle, showing them how to do just the kinds of projects that they want to do: restoration of the exterior and interior, and performance upgrades to the engine, driveline, and suspension. The existence of many large aftermarket companies provides evidence of the vast potential audience for this book. Restoration and performance part companies like Year One, National Parts Depot, Summit Racing, Jegs, and Original Parts Group count on this audience to provide a large portion of their business. For example, Original Parts Group, which specializes exclusively in parts for GM A-body muscle cars, sells an average of \$100,000 worth of parts each day. Primedia alone has six magazines that serve this crowd (Hot Rod, Car Craft, Chevy High Performance, High Performance Pontiac, Popular Hot Rodding, Super Chevy) with a combined circulation of 1.7 million readers per month. Like the 101 series books before it, this book provides an immense quantity of do-it-yourself projects that are accessible to the at-home mechanic who has a good set of hand tools and a place to work. Procedures will be performed on specific GM cars of this era, which differed more in sheetmetal and trim than in the functional components, which were often similar or identical from car to car.

### *How to Plate, Polish, and Chrome* 101 Sportbike Performance Projects 101 Harley-Davidson Twin Cam Performance Projects

This is a follow-up and companion to the successful *How to Build a Flathead Ford V-8*. This new edition describes the build-up of a 1946-1948 model 59 engine with a 4-barrel carburetor, a blown French flathead engine, and a blown Ardun engine—designed for street use. Many French flathead engines have been purchased by flathead lovers in the United States. There is a strong demand for those engine blocks, and the purchasers are desperate for any build-up information. The popularity of the Ardun is amazing, and this second volume contains a load of new information about the Ardun, as well as information and photographs of the latest flathead goodies, such as crankshafts, connecting rods, intake manifolds, and cylinder heads.

### *Wheel and Tire Performance Handbook* Motorbooks

One hundred carefully selected projects are featured in this all-color "how-to" written and designed for the Harley-Davidson Evolution owner with a few hours to burn. 350 color illustrations.

### *Garage and Workshop Gear Guide* Motorbooks

DIY Turn your daily driver, weekend fun ride, or track car into a corner-carving performance machine. From planning a course of modifications to installing parts to tuning handling characteristics, *High-Performance Handling for Street or Track* will have you cranking out high-g cornering forces on your favorite twisty course. Topics covered in *High-Performance Handling for Street or Track* include:

- An overview of vehicle dynamics
- How to tune handling for differing applications
- Guidance for selecting aftermarket components, including anti-roll bars, springs, shocks, bushings, chassis braces, camber adjusters, wheels, and brakes
- Tire and wheel selection advice
- Case-study projects

Whether you're building a high-performance street car, an autocrosser, or a track-day machine, *High-Performance Handling for Street or Track* will help you create an integrated suspension system and tune it for maximum performance.

### *Race Tech's Motorcycle Suspension Bible* Motorbooks International

The Mazda Miata is one of the most popular sports cars on the road today. In production for more than 20 years, the Miata's popularity has grown, and the number of aftermarket components available to the Miata enthusiast has grown, too. This immense selection of parts has made it difficult for many would-be modifiers to choose the proper combination that will help them reach the goals they have set for their two-seaters. Author and Miata expert Keith Tanner has been modifying, repairing, building, and racing Miatas for years, and he will guide you through how to best modify your car to suit your needs, starting with an explanation on how everything works and how the various parts will interact. You'll not only learn what upgrades will help you reach your goals, but also how to adjust or modify what you have to make your car work at its best. From autocross to cross-country touring, the Miata can do it all. Keith Tanner tells you how to make it happen!

### **How to Repair Your Motorcycle**

Suspension is probably the most misunderstood aspect of motorcycle performance. This book, by America's premier suspension specialist, makes the art and science of suspension tuning accessible to professional and backyard motorcycle mechanics alike. Based on Paul Thede's wildly popular Race Tech Suspension Seminars, this step-by-step guide shows anyone how to make their bike, or their kid's, handle like a pro's. Thede gives a clear account of the three forces of suspension that you must understand to make accurate assessments of your suspension's condition. He outlines testing procedures that will help you gauge how well you're improving your suspension, along with your riding. And, if you're inclined to perfect your bike's handling, he even explains the black art of chassis geometry. Finally, step-by-step photos of suspension disassembly and assembly help you rebuild your forks and shocks for optimum performance. The book even provides detailed troubleshooting guides for dirt, street, and supermoto--promising a solution to virtually any handling problem.

*Harley-Davidson Sportster Performance Handbook, 3rd Edition*

Volkswagen's GTI, Golf, and Jetta are long-time favorites among sport-compact performance enthusiasts. With engines ranging from the 2.0 liter naturally-aspirated four-cylinder to the 1.8 liter turbo 4 to the VR6, the Mk III and Mk IV generations (1993-2004) offer tuners a wealth of opportunities. This book turns these opportunities into realities, from deciding which vehicle to buy, to keeping it running in tip-top condition, to enhancing the performance and appearance of your VW. Focusing on the engine, wheels and tires, suspension, body kits, interiors, and more, each project includes straightforward instruction along with details about the necessary parts, cost, time, and skill. If you want to get the biggest bang for your VW buck, this book is your road map.

*Mazda MX-5 Miata*

A large part of enjoying your classic Corvette is the weekends spent tinkering before a Sunday drive. Whether updating to a modern brake or suspension system, repairing wear and tear, or installing a custom audio system, it's these projects that make your 'Vette unique and enjoyable. Tom Benford's Weekend Projects for Your Classic Corvette walks you through a year's worth of projects (52), step-by-step, explaining the special tools, tips, and tricks involved. Each project takes no more than a

weekend and can be accomplished by enthusiasts of all skill levels.

### **VW GTI, Golf, Jetta, MK III & IV**

If you're looking for ways to keep up with the pack - or blow right past them - this book has 101 of them. Boost the performance of your Harley-Davidson's Twin-Cam engine with 101 projects broken out by each specific aspect of the motorcycle, including engine, suspension, transmission, exhaust, brakes, and body. Hundreds of photos and diagrams take you step-by-step through each project making it a breeze to keep other riders in your rearview mirror.

### **101 Sportbike Performance Projects**

This BMW twins restoration guide covers all flat twins from 1955 through 1985. These bikes are sought out worldwide and are restored and ridden by enthusiasts who love their heritage as well as their look, sound, and feel on the road. It's an invaluable guide to the many engineering redesigns, technical modifications and restyling exercises carried out on the horizontally-opposed, twin-cylinder BMW motorcycles over thirty years.

*Yamaha YZF & WRF Performance Projects*

Drivers buy more wheels and tires for their cars and trucks than any other aftermarket accessory. This book is a comprehensive source for wheel and tire information. Whether you want to know how your wheels and tires actually work and how they affect vehicle performance, or whether you just need advice as to what best suits your vehicle, this book provides the information you are looking for. This book covers daily use and competition cars and trucks, including off-road, circle track, drag, autocross, rally, and show vehicles. Beginning with a chapter on vehicle dynamics, with explanations of center of gravity, slip angle, yaw, roll, and pitch. Author Richard Newton then moves on to general information about tires and wheels--from materials and construction to use and maintenance. He also explores how this general information applies to specific types of vehicles, using pertinent examples throughout.

### **Find It. Fix It. Trick It.**

For Harley-Davidson aficionados, the very name Sportster conjures an image of a fire-breathing mechanical beast scorching the world's tarmac image the Sportster itself often does not live up to. Straight from the factory, in its standard form, the Sportster routinely proves an entry-level motorcycle providing a relatively tame ride. This book aims to change all that and to show every Sportster rider how to free the beast in his or her bike. With expert, detailed advice on the proper mechanical massaging and plenty of helpful diagrams and photos this updated, third edition of Buzz Buzzelli's best-selling handbook shows how the Sportster can be transformed into the superbike of old. Including a history of the Sportster from its birth in 1957 to the recent introduction of a new engine (only the third in its long life), this book has everything it takes to open up the gates of hell and give the Sportster its head.

*For Evolution Big Twins and Sportsters*

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101 Harley-Davidson Twin Cam Performance Projects  
Motorbooks  
*Honda CRF Performance Handbook*  
*Autocross Performance Handbook*

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