

# Hands On Race Car Engineer

*The Great Race recounts the exciting story of a century-long battle among automakers for market share, profit, and technological dominance—and the thrilling race to build the car of the future. The world’s great manufacturing juggernaut—the \$3 trillion automotive industry—is in the throes of a revolution. Its future will include cars Henry Ford and Karl Benz could scarcely imagine. They will drive themselves, won’t consume oil, and will come in radical shapes and sizes. But the path to that future is fraught. The top contenders are two traditional manufacturing giants, the US and Japan, and a newcomer, China. Team America has a powerful and little-known weapon in its arsenal: a small group of technology buffs and regulators from California. The story of why and how these men and women could shape the future—how you move, how you work, how you live on Earth—is an unexpected tale filled with unforgettable characters: a scorned chemistry professor, a South African visionary who went for broke, an ambitious Chinese ex-pat, a quixotic Japanese nuclear engineer, and a string of billion-dollar wagers by governments and corporations. “To explain the scramble for the next-generation auto—and the roles played in that race by governments, auto makers, venture capitalists, environmentalists, and private inventors—comes Levi Tillemann’s *The Great Race*...Mr. Tillemann seems ideally cast to guide us through the big ideas percolating in the world’s far-flung workshops and labs” (*The Wall Street Journal*). His account is incisive and riveting, explaining how America bounced back in this global contest and what it will take to command the industrial future.*

***As its name implies, the aim of Systems Design and Engineering: Facilitating Multidisciplinary Development Projects is to help systems engineers develop the skills and thought processes needed to successfully develop and implement engineered systems. Such expertise typically does not come through study but from action, hard work, and cooperation. To that end, the authors have chosen a "hands-on" approach for presenting material rather than concentrating on theory, as so often is the case in a classroom setting. This attractive and accessible text is a mix of theory and practical approach, illustrated with examples that have enough richness and variability to hold your attention. Models are presented for controlling the design, change, and engineering processes. Various aspects of systems engineering and methods providing the big picture at system level are discussed. In some ways, you can think of the book as a compact "starter's kit" for systems engineers. Although the authors are recognized experts in academic settings, they attribute much of their success in systems engineering to their own hands-on experiences and want to show you how to achieve that same level of expertise. Simply reading this book or any other book will not suffice for the learning process to become a systems engineer - no book will do that. However, by following the principles laid out in this book, you can develop the necessary skills and expertise to help you start an interesting, challenging, and rewarding career as a systems engineer.***

***Hands-On Race Car Engineer looks at every part of the process required to make a car better than its competitors. Drivers will gain a better understanding of the dynamics of the vehicle. Race engineers will better understand the practical implications of set-up. Design***

**engineers will gain insight into practical applications of their designs. Mechanics will better understand why engineers design things a certain way. In short, this book will help racing professionals and enthusiasts learn to recognize why they won, or lost a race - key information to continually improving and reaching the winner's circle. Get to know what Formula One racing is all about This book delves into the strategy, technology, and spiritneeded to win a Formula One race. Every angle of a race weekend iscovered in detail, from scrutineering to pitstops to podium.You'll also read about the rivalries and politics that haveturned the sport into a global televised drama. Illustrated withblack and white photographs, Formula One Racing For Dummies willserve the die-hard spectator or armchair fan alike. Discover how to: Identify race strategies Understand the role of each team member Master the latest rules and regulations Appreciate a Formula One car's cutting-edge design Enjoy Formula One from the stands and on TV The Dummies Way Explanations in plain English "Get in, get out" information Icons and other navigational aids Tear-out cheat sheet Top ten lists A dash of humour and fun**

**Essential Guide to Race Driving  
Systems Design and Engineering  
Engineer to Win**

**Race Car Aerodynamics**

**Build Your Own Sports Car for as Little as £250 - and Race It!**

**Race to Win**

**Ross Bentley. Race teams have discovered great benefits can be derived from "tuning" their driver to perform at his/her full potential. Thus, this book is for everyone**

who works with a driver: engineers, crew chiefs, team owners, mechanics, and the driver's parents. This unique book instructs the driver's support team how to prepare and communicate with the driver so the driver delivers the best performance in races, practice sessions, and off-track team functions. Written by veteran racer and driving coach Ross Bentley, this book helps the driver's support team devise effective approaches to "tuning" their driver. It will help them identify techniques that do and don't work with their specific driver. The result should be better communication and a driver who is "tuned" for success.

The first book to summarize the secrets of the rapidly developing field of high-speed vehicle design. From F1 to Indy Car, Drag and Sedan racing, this book provides clear explanations for engineers who want to improve their design skills and enthusiasts who simply want to understand how their favorite race cars go fast. Explains how aerodynamics win races, why downforce is more important than streamlining and drag reduction, designing wings and venturis, plus wind tunnel designs and more.

Hands-on Race Car Engineer  
Society of Automotive Engineers

This unique handbook assumes no starting knowledge of vehicle aerodynamics. It begins with simple ideas and finishes with sophisticated and effective aerodynamic modifications that work. Three major chapters

cover on-road testing techniques that give you all the information you need to decide what modifications you should make – and, after you've made them, how well they work. Low-cost techniques allow you to visualise the patterns of airflow over your car so that you can actually see the problem areas that need improvement. Uniquely, you're also shown how to measure aerodynamic pressures, so you can determine which body surfaces are creating lift, drag and downforce. Want to work out where a wing should be placed? On-road testing to find that out is covered as well. The book also shows you how to measure downforce to see if that wing is actually working! If you wish to reduce drag, more than ten different areas are covered. Reducing frontal area, lowering cooling system drag, optimising vehicle ride height and rake, reducing the strength of the wake, achieving clean airflow separation and optimising wheel designs – they're all covered using the latest research findings. And if you're a performance driver, there's a major chapter devoted to reducing lift and improving stability. This chapter includes the design and development of undertrays and diffusers, wings and spoilers. The example car developed measurable downforce when fitted with an undertray and rear diffuser, something that transformed its on-road handling. The author has been writing about the aerodynamics of road cars for more than 25 years. He is also an experienced and

proficient car modifier who has performed numerous aerodynamic modifications and upgrades to his own cars. The book's technical consultant, RH Barnard, is an acknowledged world leading automotive aerodynamicist. If you want a practical, hands-on guide that demystifies and explains car aerodynamics, and shows you how to make effective aerodynamic modifications to your car, this book is for you.

**Making It Faster**

**Formula 1 Technology**

**Knights Landing Edition**

**How to Become a Complete Champion Driver**

**Drive to Win**

**10 Best World Most Expensive Fastest Exotic Cars**

*Meet Marc 'Elvis' Priestley: the former number-one McLaren mechanic, and the brains behind some of Formula One's greatest ever drivers. Revealing the most outrageous secrets and fiercest rivalries, The Mechanic follows Priestley as he travels the world working in the high-octane atmosphere of the F1 pit lane. While the spotlight is most often on the superstar drivers, the mechanics are the guys who make every World Champion, and any mistakes can have critical consequences. However, these highly skilled engineers don't just fine-tune machinery and crunch data through high-spec computers. These boys can seriously let their hair down. Whether it's partying on luxury yachts or gravity-defying photos aboard aeroplanes, this is a world which thrills on and off the track. This is Formula One, but not like you've seen it before.*

*This book attempts to find a middle ground by balancing engineering principles and equations of use to every automotive engineer with practical explanations of the mechanics involved, so that those without a formal engineering degree can still comprehend and use most of the principles discussed. Either as an introductory text or a practical professional overview, this book is an ideal reference. Racecar data acquisition used to be limited to well-funded teams in high-profile championships. Today the cost of electronics has decreased dramatically making them available to everyone. But the cost of any data acquisition system is a waste of money if the recorded data is not interpreted correctly. This book updated from the best-selling 2008 edition contains techniques for analyzing data recorded by any vehicle's data acquisition system. It details how to measure the performance of the vehicle and driver what can be learned from it and how this information can be used to advantage next time the vehicle hits the track. Such information is invaluable to racing engineers and managers race teams and racing data analysts in all motorsports. Whether measuring the performance of a Formula One racecar or that of a road-legal street car on the local drag strip the dynamics of vehicles and their drivers remain the same. Identical analysis techniques apply. Some race series have restricted data logging to decrease the team's running budgets. In these cases it is extremely important that a maximum of information is extracted and interpreted from the hardware at hand. A team that uses data more efficiently will have an edge over the competition. However the ever-decreasing cost of electronics makes advanced*

*sensors and logging capabilities more accessible for everybody. With this comes the risk of information overload. Techniques are needed to help draw the right conclusions quickly from very large data sets. In addition to updates throughout this new edition contains three new chapters: one on techniques for analyzing tire performance one that provides an introduction to metric-driven analysis a technique that is used throughout the book and another that explains what kind of information the data contains about the track.*

*"Is titanium for you? Can better brakes reduce lap times significantly? How do you choose the rights nuts and bolts? Which is more important, cornering or straight-line speed? Why did it break again? Engineer to Win not only answers these and many other questions, it gives you the reasons why."--Back cover*

*Annual Statements of the Railroad and Canal Companies Together with Report of the State Director of the United New Jersey Railroad and Canal Company  
How to Build a Car: The Autobiography of the World's Greatest Formula 1 Designer*

*The Nuts and Bolts Guide to Professional Race Car Preparation*

*10 World Best Unique Top Performance Sports Supercars*

*Speed Read Supercar*

*How Larry Ellison and a Car Mechanic Teamed up to Win Sailing's Greatest Race, the Americas Cup, Twice*

Revvng engines, smoking tires, and high speeds. Car racing enthusiasts and race drivers alike know the thrill of competition, the push to perform better, and the agony -

and dangers - of bad decisions. This title explains just what's going on during any race, why, and how a driver can improve control and ultimately win.

Author Peter Wright identifies and outlines five parameters -- Power, Weight, Tire Grip, Drag and Lift -- and shows how each can be maximized. In addition, he describes the variety of technologies (including those that have been banned over the years) that are involved, not just in the makeup of the Formula 1 cars, but also in the component manufacturing, systems testing, and the actual racing of the cars.

This set includes Race Car Vehicle Dynamics, and Race Car Vehicle Dynamics - Problems, Answers and Experiments. Written for the engineer as well as the race car enthusiast, Race Car Vehicle Dynamics includes much information that is not available in any other vehicle dynamics text. Truly comprehensive in its coverage of the fundamental concepts of vehicle dynamics and their application in a racing environment, this book has become the definitive reference on this topic. Although the primary focus is on the race car, the engineering fundamentals detailed are also applicable to passenger car design and engineering. Authors Bill and Doug Milliken

have developed many of the original vehicle dynamics theories and principles covered in this book, including the Moment Method, "g-g" Diagram, pair analysis, lap time simulation, and tyre data normalization. The book also includes contributions from other experts in the field. Chapters cover: \*The Problem Imposed by Racing \*Tire Behavior \*Aerodynamic Fundamentals \*Vehicle Axis Systems and more. Written for the engineer as well as the race car enthusiast and students, the companion workbook to the original classic book, Race Car Vehicle Dynamics, includes: \*Detailed worked solutions to all of the problems \*Problems for every chapter in Race Car Vehicle Dynamics, including many new problems \*The Race Car Vehicle Dynamics Program Suite (for Windows) with accompanying exercises \*Experiments to try with your own vehicle \*Educational appendix with additional references and course outlines \*Over 90 figures and graphs This workbook is widely used as a college textbook and has been an SAE International best seller since its introduction in 1995.

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.

Facilitating Multidisciplinary Development Projects

TechniUM.

Advanced Motorsport Engineering

The Global Quest for the Car of the Future

Formula One Racing For Dummies

Automotive Engineering International

**"Prepared to Win deals exclusively with the nuts and bolts of race car preparation."--Back cover.**

Data acquisition has become an invaluable tool for establishing racecar - and car/driver - performance. Now that the ability exists to analyze each and every performance parameter for car and driver, accurate use of this data can provide a key advantage on the racetrack. This book provides a thorough overview of the varied methods for analyzing racecar data acquisition system outputs, with a focus on vehicle dynamics. Covering the latest technology in data acquisition, topics include basics (choosing the right hardware, software requirements, basic channel interpretation, and measuring with the proper accuracy), acceleration, braking, gearing, cornering, model suspension analysis, roll stiffness distribution, frequencies and damping, chassis stiffness and compliance, racing lines, simulation tools, data and race tactics, and sensor technology.

You should Get Your Hands Here Now on this One of Kind Amazing Book with never seen in one print publication before All-around and Inside the cars' cockpit Full Color Pictures, Technical Data, Performance Specifications, Car maker History for the 2013-2014 the 10 World Best Unique Sports Supercars. This book is different from the 2012-2013 non-color book 10 Best World Most Expensive Fastest Exotic Cars. The difference in both books list price is only \$17.00! But it is much better to enjoy the natural color of car' paint in pictures and find out more about these 10 cars and their manufacturers! You would not find such High

Quality most complete Info, Data, Specs on totally different 10 cars from different car makers in one place anywhere on the internet or in Print! Why would You waste the days, weeks, months of time for fun and large amounts of money just to research and collect bad quality and incomplete information from 1000 of internet and print sources? Everybody could buy here now more than one book as great Christmas, New Year Holiday, other Holidays, Birthdays, Anniversaries, Corporate events gifts for him or her, for friends, colleagues!

Advanced Motorsport Engineering is an essential textbook for students on Motorsports Engineering courses and a handy reference those already working in the industry. The book covers advanced topics in motorsport such as diagnosing and rectifying faults in engines, chassis and transmission. Sections on composite materials and advanced engine management systems provide a complete coverage of level 3 courses. Each unit in the IMI and EAL syllabus is covered in full and illustrated with photos, diagrams and key learning points. The chapters can also be easily matched to the BTEC National course structure. Motorsport is not just about the spectacle of some of the world's most popular and famous sporting events - it also plays a crucial role in developing new techniques and technologies. Getting a qualification in motorsport could be the first step in a career in one of the most exciting and challenging sectors of

high performance engineering. Andrew Livesey is the Head of the School of Engineering at North West Kent College, UK

Speed Secrets 4

Modifying the Aerodynamics of Your Road Car  
Your Hand in Mine

The Secret World of the F1 Pitlane

Annual Statements of the Railroad and Canal

Companies of the State of New Jersey

Occupational Outlook Handbook

*The keys to success and the principles of high performance from world-class race car driver, commentator, and entrepreneur Derek Daly.*

*Expanded to include the behind-the-scenes story of the 34th America's Cup and Team USA's incredible comeback Down eight-to-one in the 34th America's Cup in September 2013, Oracle Team USA pulled off a comeback for the ages, with eight straight wins against Emirates Team New Zealand.*

*Julian Guthrie's The Billionaire and the Mechanic tells the incredible story of how a car mechanic and one of the world's richest men teamed up to win the world's greatest race. With a lengthy new section on the 34th America's Cup, Guthrie also shows how they did it again. The America's Cup, first awarded in 1851, is the oldest trophy in international sports. In 2000, Larry Ellison, co-founder and*

*billionaire CEO of Oracle Corporation, decided to run for the prize and found an unlikely partner in Norbert Bajurin, a car mechanic and Commodore of the blue-collar Golden Gate Yacht Club. After unsuccessful runs for the Cup in 2003 and 2007, they won for the first time in 2010. With unparalleled access to Ellison and his team, Guthrie takes readers inside the building process of these astonishing boats and the lives of the athletes who race them and throws readers into exhilarating races from Australia to Valencia. Celebrating a quarter century of the car that redefined its genre. [apply edits made above]*

*The Mazda MX-5, (known as Miata in North America and Eunos Roadster in Japan), revolutionized the lightweight two-seater roadster market. By taking the front-engine, rear-wheel-drive layout of traditional British and Italian roadsters and combining it with the modern function and reliability for which Japanese cars were justly famous, Mazda created what many consider the perfect sports car. The MX-5 became the best-selling sports car of all time, selling over a million units worldwide. Customers proved that they hadn't lost their desire for simple, lightweight two-seat convertibles; they had simply lost their desire for unreliable, archaic*

*European anachronisms that caught on fire as part of their charm. In 2009, English automotive critic Jeremy Clarkson wrote: "The fact is that if you want a sports car, the MX-5 is perfect. Nothing on the road will give you better value. Nothing will give you so much fun. The only reason I'm giving it five stars is because I can't give it 14." Mazda MX-5 Miata: Twenty-Five Years is a handsomely-illustrated coffee-table book celebrating Mazda's ground-breaking MX-5 Miata, the car that revolutionized the lightweight two-seater roadster market.*

*Ken Miles is one of the most famous sports car racers in history, and his time at Shelby American was the pinnacle of his career. Ride shotgun with Ken Miles through the twists and turns of Sebring, Laguna Seca, Riverside, and Le Mans as seen through the lens of Shelby American photographer Dave Friedman! The hiring of Ken Miles by Carroll Shelby in February 1963 initiated arguably the greatest pairing of driver/owner partnerships in the history of motorsports. Not only did Shelby hire Competition Manager Ken Miles as an accomplished road racer but also Miles brought professionalism, innovation, and a keen attribute of being able*

*to surround himself with budding, talented individuals. The list of race cars that Ken piloted at Shelby American is nearly unrivaled: the Shelby 289 Cobra, 390 Cobra, 427 Cobra, King Cobra, Shelby Daytona, Mustang GT350R, and Ford GT. Ken dominated the 1964 United States Road Racing Championship (USRRC) racing season by winning 8 of 10 races to secure the Manufacturers' Championship. However, it was at Le Mans where Ken Miles became a worldwide household name. The robbery that was the 1966 24 Hours of Le Mans is laid out in excruciatingly accurate detail as Ford royalty Carroll Shelby, Carroll Smith, Homer Perry, Leo Beebe, Charlie Agapiou, Bob Negstad, Carroll Smith, and Peter Miles recall the race and the tragedy that followed two months later. Recapture Ken Miles's career as told by esteemed Shelby American photographer Dave Friedman in this firsthand account titled Ken Miles: The Shelby American Years!*

*Engineering the Driver*

*Ken Miles: The Shelby American Years*

*Racing Chassis and Suspension Design*

*Fast Car Physics*

*Fundamentals of Vehicle Dynamics*

*The Railway and Engineering Review*

Where do you go when life as you know it literally implodes, when everything you believed to be true is nothing more than an ugly lie? Skylar Perillo has been living a perfectly ordinary life in an ordinary small town, but nothing is as it seems. No, her life isn't ordinary and it's a far cry from perfect. Leaving the one place she's ever called home is the only way forward, but it's like her mother used to say: The grass isn't always greener. When a job as a nanny literally comes to find Skylar, she has no choice but to take it, even if it does mean working for Leo Hale, the seriously uptight grump who's already gotten under her skin. But those old sayings do ring true because Skylar is about to learn that you can't judge a book by its cover, and that it really is darkest before the dawn. Sweet, heartbreaking and sexy, *Your Hand in Mine* is a second chance romance in the Blackbird series. All can be read as stand-alone love stories, and are intended for readers 18 and older due to mature themes, language and content. This book is an all-in-one source of information for programming the Second-Generation Intel Xeon Phi product family also called Knights Landing. The authors provide detailed and timely Knights Landingspecific details, programming advice, and real-world examples. The authors distill their years of Xeon Phi programming experience coupled with insights from many expert customers — Intel Field Engineers, Application Engineers, and Technical Consulting Engineers — to create this authoritative book on the essentials of programming for Intel Xeon Phi products. Intel® Xeon Phi™ Processor High-Performance Programming is useful even before you ever program a system with an Intel Xeon Phi processor.

To help ensure that your applications run at maximum efficiency, the authors emphasize key techniques for programming any modern parallel computing system whether based on Intel Xeon processors, Intel Xeon Phi processors, or other high-performance microprocessors. Applying these techniques will generally increase your program performance on any system and prepare you better for Intel Xeon Phi processors. A practical guide to the essentials for programming Intel Xeon Phi processors  
Definitive coverage of the Knights Landing architecture  
Presents best practices for portable, high-performance computing and a familiar and proven threads and vectors programming model  
Includes real world code examples that highlight usages of the unique aspects of this new highly parallel and high-performance computational product  
Covers use of MCDRAM, AVX-512, Intel® Omni-Path fabric, many-cores (up to 72), and many threads (4 per core)  
Covers software developer tools, libraries and programming models  
Covers using Knights Landing as a processor and a coprocessor

Take pole position to learn the ground rules, techniques and procedures of driving perception and evaluation.

Racing professional Carroll Smith delivers current state-of-the-art techniques for working with your crew to develop and set up your car so that you'll have a competitive tool with which to practice the art of driving.

In motorsports there have been an endless series of performance advances where one wonders, how did they ever figure this out? Other times one asks, how did they not see this when the answer was there for all to see?

These are the stories of discovery by 3 generations of

racers and designers, who changed the state of the art forever. It is also the story of clever tricks and rule book interpretation to win the ever-escalating contest between rule makers and loophole seekers, told by those directly involved in Formula One, Le Mans, Indycar, IMSA, Moto GP, Trans-Am and NASCAR. Their innovations dazzled us all.

An Illustrated Guide

Designing for Speed

Prepare to Win

The Billionaire and the Mechanic

How to Make Your Car Handle

Mazda MX-5 Miata

*First in the World One of Kind Unique Ultimate Book on All Times 10 Best World Fastest Most Expensive High Performance Exotic Cars and the Best Desktop Exclusive Reference Encyclopedia Guide with never published in one publication the Articles, Unique Data and Info, Car Pictures, all major Technical, Performance and Overall Specifications for each of those Rare Exotic cars owned by richest car collectors, Billionaires, World Top Royalty and Top Celebrities. Your Major Benefits - By Now You should completely Relax, Have Summer Fun! Let this Fantastic Book to make You supercool, hot and popular with success in networking, socialising with cars and racing fans. Or simply turn this Sensational book into Perfect Gift for any personal, business, corporate holiday, event or occasion. Other Your Benefits from Buying this Sensational Book: - Easy to find in 1(one) book all data, specs for 10 different cars from different car manufacturers instead of wasting days, months looking through 1000 Web and print sources; -Fastest way to learn about Top achievements of*

*automotive industry straight from Top Automotive Experts; -Most Simple Best Reference Guide on World Top10 Best Fastest Muscle Supercars for car racing fans, car collectors, students, cars experts; - Cheapest Way to get Top Expertise on Cars instead of buying info from 1000 self-proclaimed as "Cars Experts" Web and print sources.*

*Build a roadworthy two-seater open sports car for a fraction of the cost of a kit car! Using standard tools, basic skills and low-cost materials, this volume shows you how to make the chassis, suspension and bodywork, and advises you on how to modify and use inexpensive but serviceable mechanical components. Contains sections on improving handling, information on how to get through the Single Vehicle Approval test, and builders' own stories.*

*"Comprehensive coverage of more than 75 of America's greatest automobiles, from the Model T to the '57 Cadillac Eldorado and the late '60s Plymouth Roadrunner. The design and engineering modifications of each vehicle are described in detail. Illustrated with over 1000 full-color, specially-commissioned photographs detailing every aspect of these spectacular and fascinating cars. Includes comprehensive specification panels giving detailed technical and performance information"--Jacket.*

*From Motorbooks' beautifully designed and illustrated Speed Read series, Speed Read Supercar guides you through every aspect of these imagination-capturing, eye-widening, land-bound speed missiles. When Lamborghini unleashed its Miura on an unsuspecting world in 1966, it set off a high-performance arms race that continues to this day. Ferrari, Maserati, Jaguar, Porsche, and Lotus all accepted the challenge. Over the following five decades, numerous others stepped up, including stalwarts like Aston Martin, BMW, and Audi, as well as small-volume specialists such as Koenigsegg, Pagani, Noble, and Spyker. The result*

*is a veritable smorgasbord of blazingly fast and delicious-looking land missiles available to anyone with several hundred thousand dollars to spare. Supercars are complex subjects that interest nearly everyone. Every part of a supercar represents myriad decisions informed by engineering, aesthetics, human interface, and emotion. Speed Read Supercar answers the hows and whys of these fantastic cars in sections divided by topic, offering an engaging review of history, engineering, design, key concepts, and key people. Each section ends with a glossary of related terms, and informational sidebars provide fun facts, historical tidbits, and mini-bios of key people in the supercar world. Sleek illustrations showcase the incredible designs. With Motorbooks' Speed Read series, become an instant expert in a range of fast-moving subjects, from Formula 1 racing to the Tour de France. Accessible language, compartmentalized sections, fact-filled sidebars, glossaries of key terms, and event timelines deliver quick access to insider knowledge. Their brightly colored covers, modern design, pop art-inspired illustrations, and handy size make them perfect on-the-go reads.*

*Classic American Cars*

*The Great Race*

*Pro Methods for Improved Handling, Safety and Performance*

*Intel Xeon Phi Processor High Performance Programming*

*The History, Technology and Design Behind the World's Most Exciting Cars*

*The Mechanic*

***'Adrian has a unique gift for understanding drivers and racing cars. He is ultra competitive but never forgets to***

*have fun. An immensely likeable man.'*

*Damon Hill*

*Tales from the Endless Search for Speed*

*Hands-on Race Car Engineer*

*Analysis Techniques for Racecar Data*

*Acquisition*

*Together with Report of State Director of*

*the United New Jersey Railroad and Canal*

*Company for the Year ...*

*Race Car Vehicle Dynamics Set*