

## Free Auto Repair Guides

OBD-II & Electronic Engine Management Systems  
Auto Repair and Maintenance  
Popular Mechanics  
Motor Auto Repair Manual  
The Savvy Guide to Car Maintenance and Repair  
The Complete Guide to Auto Body Repair  
Automotive Heating & Air Conditioning  
Haynes Automotive Reference Manual and Illustrated Automotive Dictionary  
Chilton Labor Guide  
Complete Idiot's Guide to Trouble-Free Car Repair  
How to Rebuild GM LS-Series Engines  
Popular Mechanics Complete Car Care Manual  
Motor's Auto Repair Manual  
Automotive Electrical Manual  
Souping the Volkswagen  
Chevrolet Silverado and Gmc Sierra  
Lean Auto Body  
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The Complete Idiot's Guide to Car Care and Repair Illustrated  
Auto Upkeep  
VW Golf, GTI, Jetta and Cabrio, 1999 Thru 2002  
Auto Repair For Dummies  
Girls Auto Clinic  
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Automotive Technician Training: Theory  
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Used Car Buying Guide  
Chilton's Minor Auto Body Repair Manual  
John Haynes  
Chilton's Truck and Van Repair Manual  
How to Repair Your Car  
Saturn Ion 2003-2007  
Yamaha PW50 Y-Zinger, PW80 Y-Zinger and BW80 Big Wheel 81-02  
The Complete Idiot's Guide to Trouble-free Car Care  
The Haynes Bicycle Book  
Popular Science

## **OBD-II & Electronic Engine Management Systems**

### **Auto Repair and Maintenance**

#### **Popular Mechanics**

Demystifies the common car, describing how it works, and what owners can do to keep it running, covering topics, under the three general areas of understanding the car, maintenance, and repair, with illustrations, tip boxes, and glossary of terms.

#### **Motor Auto Repair Manual**

This edition of the text covers the latest developments in automotive design, construction, operation, diagnosis, and service. The text integrates the new with the old, simplifying explanations, shortening sentences, and improving readability. Hundreds of illustrations cover new developments, especially those relating to the foreign automotive industry and federal laws governing automotive air pollution, safety, and fuel economy. The Tenth Edition contains two four-color illustrated

sections. Many chapters end with vocabulary words and "think-type" review questions, in addition to the National Institute of Automotive Service Excellence (ASE) style of multiple-choice questions. For schools seeking program certification by the national Automotive Technicians Education Foundation (NATEF), the high-priority items from their diagnosis, service, and repair task lists have been included.

### **The Savvy Guide to Car Maintenance and Repair**

How to work on your volkswagon.

### **The Complete Guide to Auto Body Repair**

As today's cars continue to become more complicated and complex, the cost to repair them has continued to climb. However, with some basic knowledge and a little know-how, many of the most expensive repairs can be avoided by simple, regular maintenance, or relatively inexpensive repairs that can be done with a few tools and step-by-step instructions. Car expert, Dave Stribling, has seen every repair in the book, and in *Idiot's Guides: Auto Repair and Maintenance*, he arms readers with the knowledge they'll need to troubleshoot and diagnose common problems and make simple repairs that are universal to most makes and models.

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Dozens of step-by-step, full-color photos and illustrations make DIY car repairs and maintenance so much easier. When the repair calls for an expert the time comes to take the car to the shop, Dave arms readers with the knowledge they'll need to make the right choices, to avoid unnecessary repairs, and to minimize the possibility of getting ripped off.

### **Automotive Heating & Air Conditioning**

A do-it-yourselfer's guide to car repair reveals a host mechanic's tips and tricks on everything from changing fluids, handling emergency situations, replacing parts, transmission trouble, steering and brake problems, and much more. Original.

### **Haynes Automotive Reference Manual and Illustrated Automotive Dictionary**

### **Chilton Labor Guide**

Haynes offers the best coverage for cars, trucks, vans, SUVs and motorcycles on the market today. Each manual contains easy to follow step-by-step instructions linked to hundreds of photographs and illustrations. Included in every manual:

troubleshooting section to help identify specific problems; tips that give valuable short cuts to make the job easier and eliminate the need for special tools; notes, cautions and warnings for the home mechanic; color spark plug diagnosis; and an easy to use index.

### **Complete Idiot's Guide to Trouble-Free Car Repair**

Covers all minor and major damage repair.

### **How to Rebuild GM LS-Series Engines**

Complete repair manual for all gasoline engined models, including Suburban and Tahoe, Yukon and Yukon XL.

### **Popular Mechanics Complete Car Care Manual**

Today's cars are complex. They have ABS, DOHC, EFI, CV, PCV, and dozens of other acronyms. How can anyone except a certified mechanic try to maintain or repair older vehicles, much less modern cars? The easiest way is to follow clear, illustrated instructions. The Complete Idiot's Guide® to Car Care and Repair Illustrated offers hundreds of helpful photos and drawings that not only describe

how cars run, they also show readers exactly what to do when they don't run. Finally, readers will truly learn how to handle common repairs without a mechanic. The Complete Idiot's Guide® to Car Care and Repair Illustrated covers maintaining, troubleshooting, and repairing your car from bumper to bumper. It clearly covers selecting tools and parts, changing oil, checking transmission and steering fluids, replacing filters, troubleshooting engine noises, installing brakes, fixing door dings, and keeping the car's battery alive longer.

### **Motor's Auto Repair Manual**

Popular Science gives our readers the information and tools to improve their technology and their world. The core belief that Popular Science and our readers share: The future is going to be better, and science and technology are the driving forces that will help make it better.

### **Automotive Electrical Manual**

Illustrates basic procedures of repair, preventive maintenance, and troubleshooting together with instructions for such operations as fixing a dead horn, replacing a car's computer, and servicing drum brakes.

## **Souping the Volkswagen**

This series of comprehensive manuals gives the home mechanic an in-depth look at specific areas of auto repair.

## **Chevrolet Silverado and Gmc Sierra**

From Motorbooks, the leader in automotive publishing for over 4 decades, comes the most practical car care guide ever produced to help the average car owner maintain and repair his or her vehicle - How to Repair Your Car. In this easy-to-follow guide, author Paul Brand, a nationally known automotive expert, takes you through the steps of auto maintenance and repair—simple steps that could add years to a car’s life and save a driver thousands of dollars in repairs. This is also the only car maintenance and repair guide on the market to contain 50 do-it-yourself projects in full-color, step-by-step instructions that are easy to follow and understand. Focusing on post-1985 cars (with occasional explanations about earlier models), Brand introduces readers to the rudiments of automotive systems—from electrical, fuel, and cooling to drivetrain, suspension, tires, brakes, and exhaust—and discusses problems that arise in each system. The book includes practical advice for readers with only a passing knowledge of cars, as well as the basics of caring for a car’s exterior and interior. How to Repair Your Car is a must-

have for any car owner who wants to extend the life of his or her car, learn how to perform car maintenance or repair instead of paying a mechanic, diagnose simple noises and knocks, as well as learn tips for knowing exactly what they're paying for when their car goes to the shop.

### **Lean Auto Body**

This manual takes the mystery out of Second-Generation On-Board Diagnostic Systems allowing you to understand your vehicles OBD-II system, plus what to do when the "Check Engine" light comes on, from reading the code to diagnosing and fixing the problem. Includes a comprehensive list of computer codes. Computer-controlled car repair made easy! For all car and light truck models manufactured since 1996. Understand your vehicle's On-Board Diagnostic system How to deal with that "Check Engine" light--from reading the code to diagnosing and fixing the problem Comprehensive computer codes list Diagnostic tools: Powertrain management fundamentals OBD-II "monitors" explained Generic trouble codes that cover all models! Manufacturer-specific trouble codes for GM, Ford, Chrysler, Toyota/Lexus and Honda/Acura vehicles Let your car's computer help you find the problem! Component replacement procedures Glossary and acronym list Fully illustrated with over 250 photographs and drawings

## **Popular Mechanics Complete Car Care Manual**

A bicycle handbook offers step-by-step directions for repair and maintenance procedures for mountain, road, hybrid, cruiser, and BMX bikes.

## **Popular Mechanics**

Take your business to a new level with this comprehensive, Auto Body Repair industry specific implementation guide. By adapting the techniques of Lean manufacturing for the Auto Collision Industry, Mr. Ortiz guides you through the steps necessary to turn your shop into a Lean place of business. Lean Auto Body sets the stage for a sustainable Lean improvement by not only discussing, but showing examples of wastes, flow, and visual cues within the shop in an easy to understand manner.

## **The Complete Idiot's Guide to Car Care and Repair Illustrated**

A blended learning approach to automotive engineering at levels one to three. Produced alongside the ATT online learning resources, this textbook covers all the theory and technology sections that students need to learn in order to pass levels 1, 2 and 3 automotive courses. It is recommended by the Institute of the Motor

Industry and is also ideal for exams run by other awarding bodies. Unlike the current textbooks on the market though, this title takes a blended learning approach, using interactive features that make learning more enjoyable as well as more effective. When linked with the ATT online resources it provides a comprehensive package that includes activities, video footage, assessments and further reading. Information and activities are set out in sequence so as to meet teacher and learner needs as well as qualification requirements. Tom Denton is the leading UK automotive author with a teaching career spanning lecturer to head of automotive engineering in a large college. His nine automotive textbooks published since 1995 are bestsellers and led to his authoring of the Automotive Technician Training multimedia system that is in common use in the UK, USA and several other countries.

### **Auto Upkeep**

### **VW Golf, GTI, Jetta and Cabrio, 1999 Thru 2002**

Has the technology in your car or truck passed you by? This book helps you perform the multitudes of tasks without the aid of a mechanic and his or her magic diagnostic contraption. It shows the vehicle's major parts and connections, and

how to play car detective. It also addresses issues such as: Troubleshooting; Equipment Needs; and more.

### **Auto Repair For Dummies**

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.

### **Girls Auto Clinic Glove Box Guide**

Auto Repair For Dummies, 2nd Edition (9781119543619) was previously published as Auto Repair For Dummies, 2nd Edition (9780764599026). While this version features a new Dummies cover and design, the content is the same as the prior release and should not be considered a new or updated product. 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.

### **Popular Science**

Professional technicians have relied on the Chilton Labor Guide estimated repair times for decades. This latest edition expands on that reliability by including technical hotline feedback and research from professional labor experts. The labor times reflect actual vehicle conditions found in the aftermarket, including rust, wear and grime. Available in both hardcover and CD-ROM, this completely revised manual provides thousands of labor times for 1981 through current year domestic and imported vehicles. All times reflect technicians' use of aftermarket tools and

training.

## **Popular Science Monthly**

Vehicle maintenance.

## **Automotive Technician Training: Theory**

PW50 (1981-1983; 1985-1987; 1990-2002), PW80 (1983; 1985; 1991-2002), BW80 (1986-1988; 1990)

## **The Complete Idiot's Guide to Car Care and Repair Illustrated**

Your complete guide to electrical system troubleshooting, repair, maintenance and rewiring. Clear step-by-step instructions and hundreds of photos show you how to do a professional job yourself.

## **How to Keep Your Volkswagen Alive!**

This is a faithful reproduction of the Floyd Clymer publication of the same title originally published in 1959. Written in a style that removes the mystique from

performance tuning, much of the technical jargon is replaced with easy to read language and, to the credit of the author, he gets the message across without the need for the reader to possess a degree in mechanical engineering. A straightforward common sense approach to the subject of improving a VWs performance and while many of the manufacturers of the performance items referenced within may no longer be in business and prices have changed considerably since 1959, many new suppliers have come forward with alternate performance products. In addition, many of the vintage parts routinely turn up at swap meets and can also be obtained through a variety of vintage performance parts suppliers. Therefore, while some of resources may have changed since 1959 the information is still applicable and should assist in providing the reader with appropriate data to aid in the selection of the newer performance products currently available. This how-to manual also includes complete technical data, tune-up information, fault finding charts and a detailed list of construction changes that took place between the years 1957 and 1959. Out-of-print and unavailable for many years, this book is becoming increasingly more difficult to find on the secondary market and we are pleased to be able to offer this reproduction as a service to all VW enthusiasts worldwide.

### **Automotive Mechanics**

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.

### **Used Car Buying Guide**

*Auto Upkeep* is an introductory automotive book that provides the fundamental knowledge and experience in owning and maintaining an automobile. From choosing an insurance policy to performing basic maintenance and repair, *Auto Upkeep* is the do-it-yourself automotive guide for the driver in you. *Auto Upkeep* helps keep you safe and your vehicle reliable by providing easy-to-follow information with detailed pictures and drawings. Discover how to choose a quality repair facility, buy a car, handle roadside emergencies, diagnose common problems, and communicate effectively with technicians – all while saving money.

Workbook Activities: Chapter 1 – Car Identification Activity; Chapter 2 – Buying a New Automobile Activity and Buying a Used Automobile Activity; Chapter 3 – Automotive Expenses Activity; Chapter 4 – Repair Facilities Activity; Chapter 5 –

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Automotive Safety Activity; Chapter 6 – Basic Tools Activity; Chapter 7 – Interior Cleaning Activity, Exterior Cleaning Activity, and Waxing Activity; Chapter 8 – Fluid Level Check Activity; Chapter 9 – Battery Activity, Charging Activity, and Starting Activity; Chapter 10 – Oil & Filter Change Activity; Chapter 11 – Fuel System Activity; Chapter 12 – Air Conditioning Activity, Cabin Air Filter Activity, and Cooling System Activity; Chapter 13 – Ignition System Activity; Chapter 14 – Suspension & Steering Activity and Tire Inspection & Rotation Activity; Chapter 15 – Brake Inspection Activity; Chapter 16 – Drivetrain Activity; Chapter 17 – Exhaust & Emissions Activity; Chapter 18 – Payback Period Activity; Chapter 19 – Auto Accessories Activity; Chapter 20 – Changing a Flat Tire Activity, Jump-Starting Activity, Lighting Activity, Replacing Wipers Activity, and On-Board Diagnostics Activity. 152 Full Color Pages - Over 200 Photos and Illustrations - 32 Hands-on and Internet-based Activities.

### **Chilton's Minor Auto Body Repair Manual**

#### **John Haynes**

"Maintain your ride, think like a mechanic, get down and dirty under the hood"--from cover.

## **Chilton's Truck and Van Repair Manual**

### **How to Repair Your Car**

Every Haynes manual is based on a complete teardown and rebuild, contains hundreds of "hands-on" photos tied to step-by-step instructions, and is thorough enough to help anyone from a do-it-your-selfer to a professional.

### **Saturn Ion 2003-2007**

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### **Yamaha PW50 Y-Zinger, PW80 Y-Zinger and BW80 Big Wheel 81-02**

Popular Science gives our readers the information and tools to improve their technology and their world. The core belief that Popular Science and our readers

share: The future is going to be better, and science and technology are the driving forces that will help make it better.

### **The Complete Idiot's Guide to Trouble-free Car Care**

Written for the do-it-yourselfer, good enough for the pro. Includes everything you wish to know about your vehicles heating and air conditioning. From simple adjustments, to complete tune-ups and troubleshooting.

### **The Haynes Bicycle Book**

Today's cars are complex. They have ABS, DOHC, EFI, CV, PCV, and dozens of other acronyms. How can anyone except a certified mechanic try to maintain or repair older vehicles, much less modern cars? The easiest way is to follow clear, illustrated instructions. The Complete Idiot's Guide® to Car Care and Repair Illustrated offers hundreds of helpful photos and drawings that not only describe how cars run, they also show readers exactly what to do when they don't run. Finally, readers will truly learn how to handle common repairs without a mechanic. The Complete Idiot's Guide® to Car Care and Repair Illustrated covers maintaining, troubleshooting, and repairing your car from bumper to bumper. It clearly covers selecting tools and parts, changing oil, checking transmission and steering fluids,

replacing filters, troubleshooting engine noises, installing brakes, fixing door dings, and keeping the car's battery alive longer.

### **Popular Science**

Written for the do-it-yourselfer, good enough for the pro! Find hidden rust, spot crash damage, detect body filler, size up a car with a 10-minute walk-around, find mechanical problems, road-test the vehicle, plus checklists to insure you get what you pay for.

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