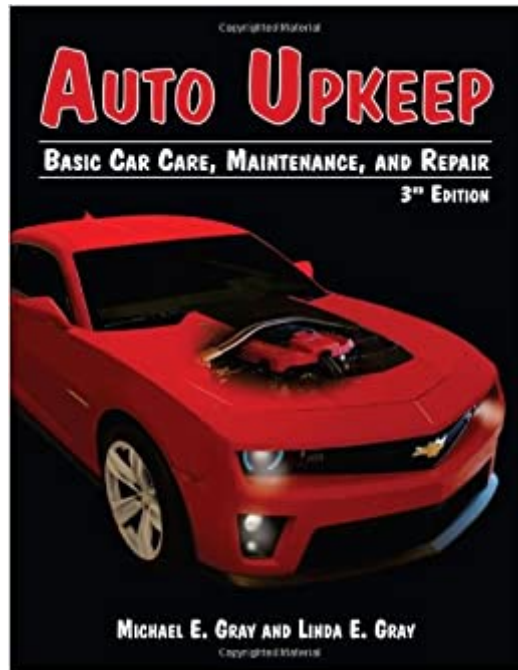




The book was found

Auto Upkeep: Basic Car Care, Maintenance, And Repair



Synopsis

This 3rd Edition (c) 2013 has been updated and is now in FULL COLOR! 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. For the full experience, purchase the Auto Upkeep textbook and workbook.

Chapters

1. Introduction and How Cars Work
2. Buying an Automobile
3. Automotive Expenses
4. Repair Facilities
5. Safety Around the Automobile
6. Basic Tools
7. Auto Care and Cleaning
8. Fluid Level Check
9. Electrical System
10. Lubrication System
11. Fuel System
12. Cooling System and Climate Control
13. Ignition System
14. Suspension, Steering, and Tires
15. Braking System
16. Drivetrain
17. Exhaust and Emission System
18. Alternative Fuels and Designs
19. Automotive Accessories
20. Common Problems and Roadside Emergencies

Features of the Text

Each chapter includes an introduction, essential questions, objectives, chapter content, and summary. Chapters also include helpful guides regarding servicing, tech tips, troubleshooting, average prices of replacement parts, frequently asked questions, web links, and career paths. QR Codes A QR (quick response) Code is provided at the beginning of each chapter. With a smartphone and a scanning app you can use the QR codes to easily access additional resources online.

Specifications

- 200 Full Color Pages
- Over 400 Photos and Illustrations

Formats

- Hardcover Textbook ISBN 978-1-62702-006-0
- Paperback Textbook ISBN 978-1-62702-001-5
- Paperback Workbook ISBN 978-1-62702-002-2

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Average Customer Review: 4.3 out of 5 stars 45 customer reviews

Best Sellers Rank: #142,721 in Books (See Top 100 in Books) #208 in [Books > Engineering & Transportation > Automotive > Repair & Maintenance](#) #849 in [Books > Engineering & Transportation > Transportation](#)

Customer Reviews

This handy guide to car ownership and maintenance explains the basics for consumers, from purchasing a vehicle to common problems, repairs, and safety advice. Plenty of illustrations and color photographs lead the reader through car parts, tools, and automotive systems. There is also an appendix listing lessons on the free companion online workbook, featuring activities such as calculating auto expenses, checking fluid levels, and installing spark plugs. Straightforward and attractive, this book will appeal to all types of car owners, from the grease monkey to the clueless. Public libraries will want a copy (or two) of this updated edition on the shelf. --Rebecca Vnuk --This text refers to the Hardcover edition.

Compact, Colorful, and Complete - Simply the best book yet for the high school driver who wants to learn how to take care of his or her car. Compact, colorful, and complete. David Sweetman, Automotive Instructor, Ketchikan High School, Ketchikan, Alaska Well Written, Easy to Follow - Auto Upkeep, by Michael E. and Linda E. Gray, is a great book for teaching introductory automotive at both the high school and post-secondary level. It is well written, easy to follow, and full of great information. The book includes information that the everyday consumer should know as well as a strong foundation for those interested in pursuing a career in the automotive field. Bob Stockero, Automotive Instructor/Department Chair, Santa Barbara City College, Santa Barbara, California One of the Best - This is one of the best beginning books for anyone interested in learning Automotive. James Cox, Automotive Instructor, South Johnston High School, Four Oaks, North Carolina Clear and Concise - I feel this text is a great introduction to the automobile. It is very clear and concise! I think the new photos really help the reader understand and comprehend what the book is trying to teach. Peter Worley, Automotive Instructor, Appleton East High School, Appleton, Wisconsin Great Book - This is a great book for beginner automotive classes or drivers ed. Stan Wolski, Automotive Instructor, Alexis I. duPont High School, Greenville, Delaware Great Primer - The current edition is a great primer text for anyone who drives (or will work on) a vehicle. Many of the teachers at our school would like to take the course and read the book. The chapters on Common Problems and Roadside Emergencies and Alternate Fuels and Designs provide good insight to the realities of driving a vehicle now and in the near future. Buying an Automobile and

Automotive Expenses chapters give an eye opening taste of owning a vehicle for high school students. A good all-around starter book! Frank Valentino, Automotive Instructor, Eisenhower High School, Blue Island, Illinois Excellent Upgrade - Excellent upgrade, the color improves clarity and detail. This was the first thing the students noticed. David Meck, Automotive Instructor, Southern High School, Louisville, Kentucky Quality vs. Quantity is a Perfect Balance - I am the department chair for the auto program and I along with the other auto instructors have picked your book to use in all the introduction classes (Auto 50, 58, 59, 79-A and the consumer class when offered). I think changing to colored illustrations adds a lot to the book along with the web addresses, tech tips, Q & A areas. I would sum up the book by saying it covers all the systems on vehicles to a point where the student can determine what areas they have an interest in then pursue an advanced diagnostic class. Quality vs. quantity is a perfect balance. John Sweet, Automotive Instructor/Department Chair, Victor Valley Community College, Victorville, California Simple and Easy to Use - Great Consumer Auto course book that also doubles as a good first year Automotive Technology course book. The color is used well to make diagrams and figures really Pop on the page. Comprehensive but its well organized layout of each chapter makes it simple and easy to use. Jim Sainsbury, Automotive Instructor, Madison Memorial High School, Madison, Wisconsin Beginning Student Can Understand - The new colored illustrations are great and the text is written in a way that a beginning student can understand. I do like the Resources Symbol (QR Code Links) on front cover (each chapter cover page has a QR Code Link) for the student with bar code readers (smartphone with scanning app). Michael Furphy, Automotive Instructor, New Mexico State University, Alamogordo, New Mexico --3rd.AutoUpkeep.com Great Text - This is a great text for beginning auto students. We all have students in class who will not be going in to the auto repair industry but with this course they will become better automotive consumers. I teach an Intro to Auto Tech class and this text is perfect for this course. It is interesting and engaging. Jerald Swenson, Automotive Instructor, Huron High School, Huron, South Dakota Current Information - Real World Relevance - Great additions to Chapter 18 Alternative Fuels and Designs. Current information helps with student information, learning, relevance - your text helped save our Auto Program here by showing our Administration how basic automotive knowledge tied in with our life skills programs with real world relevance. Great text! My students will continue to excel using your text. Rob Hill, Automotive Instructor, Victor Valley High School, Victorville, California --3rd.AutoUpkeep.com

A beautiful, full color, very comprehensive book. I bought this book for an elective for my homeschooled son but I'm sure I will benefit just as much. After receiving and reviewing the book I

had a question so contacted the author via the website [...] He replied quickly, answered my question and offered several solutions. Very Impressed with not only the book but the family owned operation.

I bought this for a homeschool class my son was taking. It is very informative and has great pictures that explain the vehicle well. I highly recommend...it would be easy to use as a self-taught class. I plan on going through it myself and with my daughter.

As a Homeschooler these are a blessing and a much needed course for your Juniors and Seniors!! would have given it 5 stars if it came with a teacher's manual for grading. Money well spent!

Great book! Does a superb job of explaining the basics of how cars work and includes information on new technologies, such as fuel cells and electric. The writing is clear and the information is to the point. It also includes a lot of practical advice.

Everyone who has a vehicle (and doesn't know much about cars) should have a copy. It's a short and concise introduction to car history, facts, and maintenance. It's not chock full of details, but it directs you to resources to get those if you're interested. The pictures are not pretty, and the layout reminds me of middle school workbooks, but the content is solid. Before this book, I never did anything with my car except drive it, fill the gas tank, check the engine oil (maybe 2 or 3 times in my life), take it regularly to get it serviced, and watch my husband change a flat tire. Since I've read through the book, I've called out a swindling mechanic, changed wipers, changed cabin air filters, topped off antifreeze and window washer fluids, checked the engine oil, steering and transmission fluids, know generally what goes on at servicings, and feel a lot more comfortable with my car.

The book covers very basics of car maintenance and pays close attention to the safety. It's well written with a lot of helpful illustrations. As a nice bonus it provides e.g. price ranges of parts, practical tips etc.

It is a good book for a beginner. It simplifies basic automotive history, technology, maintenance and repair. Recommended by class instructor. Comparing to the old edition, the major different in this new edition is color pictures.

insightful

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