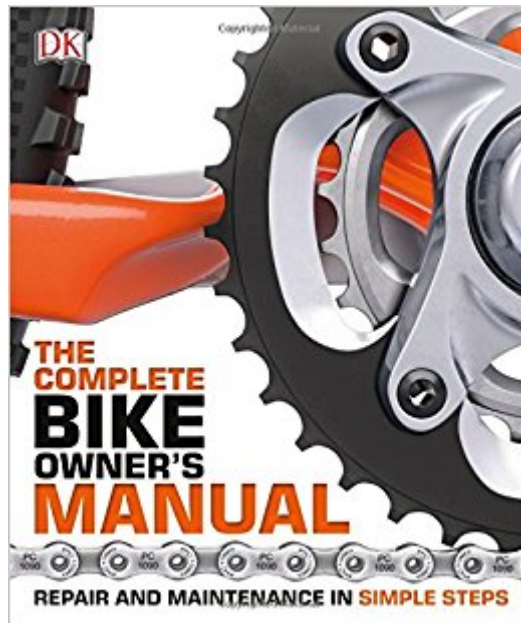




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# The Complete Bike Owner's Manual



## Synopsis

Keep your bike in mint condition with this visually in-depth manual for bicycle maintenance and care. Featuring CGI illustrations that can be viewed at any angle, The Complete Bike Owner's Manual shows every aspect of bicycle repair and maintenance. Each diagram and step-by-step instruction is shown more clearly than ever before in this book. Learn how to mend a tire puncture, build your own custom bike from scratch, or adjust your seat with The Complete Bike Owner's Manual. Find out which bike is right for you, know what questions to ask in the store, and make sure you know what to look for when purchasing a bike. The Complete Bike Owner's Manual is a complete reference of repairs and maintenance for the do-it-yourself bicycle owner. Check the diagnostic spreads, which go from symptom to solution and include a toolbox to show what equipment is needed for the repairs that will get your bike back on track. From cleaning your bike to brake repair to electric bike maintenance to assembling a custom mountain bike, The Complete Bike Owner's Manual is a friendly and informative guide to taking care of your bike.

## Book Information

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**Utility Bikes** Utility bikes often feature basic parts, although these can be upgraded or replaced to suit your needs. Many bike components feature standard fittings, so they can be easily swapped.

**Chains and Cassettes** The chain and cassette—the cluster of cogs on the rear hub—transfer drive from the crankset to the rear wheel, converting your pedaling energy into forward motion. A chain consists of more than a hundred links, each of which is made up of two plates that are joined by pins and rollers, which

allow the links to rotate and flex.      **Cleaning Your Bike**   Do not clean your bike with hot water, which can melt the grease that coats threads and bearings. If using a hose, keep the pressure low and do not aim the water at the bearings. Detergents should be specifically formulated for cleaning bicycles.

**Planner**   By scheduling regular sessions for bike fixes, you will reduce the likelihood of wearing out parts prematurely or having an accident on the road.      [View larger](#)

[View larger](#)      [View larger](#)      [View larger](#)      **Protecting Your Frame**   Designed for rotor blades, &#039;helicopter tape&#039; also offers good protection for bikes. To apply a piece, cut it and warm it with a hair dryer. Peel the backing off one end, attach it to the frame, and smooth it on bit by bit to avoid trapping air bubbles.      **Hub Gears**   Hub gears work on most types of bicycle, although they are rather heavy for racing bikes. They are known for reliability and longevity, as the components stay clean and dry inside the hub shell. Hub gears are simple to install, but need professional maintenance owing to their complexity.      **Bike Technology**   Bike and accessory manufactures are quick to develop and adapt cutting-edge technology. In particular, GPS has transformed bike navigation, largely eliminating the need for you to carry maps.

I'm thoroughly impressed with this book. It is truly a great, comprehensive manual on bike repair and maintenance. It covers various topics in details that are of most interests to both beginners and advanced users who want to go hands-on and keep their bike in top condition. This includes knowing your bike, getting started, steering & saddle, wheels, brakes, drivetrain, suspension and owner's guide (maintenance planner and troubleshooting). First off, I'm a bike newbie. What I find the most useful about this book is that it provides step-by-step instructions explaining the various repairs and maintenance procedures in both traditional text and 3D GCI illustrations. The photo-realistic 3D GCI illustrations are extremely well done. They really help you visualize the steps so that you can readily apply them to your own bike. I've read other bike books and manuals that use either line illustrations or photographs and they are nowhere near as crystal clear as this book. The traditional text instructions are also very well written. They are concise, to the point and easy to follow. Each step in the instructions comprises a few lines of text and a 3D GCI illustration. They also tell you the tools and equipment that you may need, and tips that may help you along. All in all, this is an essential manual for all bike owners - beginners and experts alike. It is a must-have if you're a DIY type person and want to learn routine maintenance procedures and to optimize your

own bike's performance.

This is the manual I did not know I needed, but seemed to be very useful after receiving it. I recently bought another bike after so many years, and was thinking I needed to learn basic repairs, like fixing flats or broken chains, however this book not only seems to handle those, but goes into extensive details of bike designs, and maintenance. I could probably never have the time, but it contains enough information to disassemble and re-assemble a bike up to individual nuts, bolts, and every other tiny pieces (and I hope I would not need that either). Even though I am rating it with five stars, there are two concerns which you should know about:- The basic and very advanced stuff are intermixed in the book. You can see fixing a tube on one page, and then reassembling the suspension a few pages later. I would recommend doing a quick read thru once to have a feel of what is there, and then using the index, and maintenance tables at the back for more regular use- The diagrams are very good 3d illustrations. However they sometimes become difficult to decipher. Some could benefit low tech wire-frames for the details. (But that would give the book a 60s textbook feel). Nevertheless putting the book diagrams next to your actual bike will help understand which piece is which

I am a cycling fanatic. I can't get enough of it. Ever since watching the '99 Tour d'France I've been hooked. I don't just like to ride I also like to clean my bike and repair it where I can. However, the latter has been tough for me as I am not that technically minded. I looked at a lot of bicycle manuals and I didn't really find any I liked, or could follow easily. Until this DK one. It is so easy to read and follow. The large, bright images makes even difficult things rather easy. I have a lot of DK books and it never ceases to amaze me how they manage to make complicated things easy using visuals. Truth be told, I haven't done all that much repairing with this manual.. YET! But it has given me a deep understanding of my bike as well as other bikes out there. I have adjusted my gears and removed most of the moving parts, handle bars, fork, stem, etc. to clean and re-grease. A monumental task for me before. I know, I'm bad. I just don't understand mechanics all that well like some out there, I tend to overdue it. But this book makes it easy. Go for it.

My older Trek has needed some love for a while, and every time I say to myself "I'm going to take it to my local bike shop and get it fixed up" I remember how much I was quoted, and how I'd really rather put that money toward a new Cannondale. I consider myself mechanically inclined, but haven't torn apart enough bikes to really know what I'm doing. This manual has been a godsend.

"Simple" maintenance has become really simple, and I've been able to perform some upgrades that I've been wanting for years, while saving tons on labor charges. The book is wonderfully illustrated with diagrams and the photo work is really great. You can tell there was a lot of time spent making this so it wasn't overly simple, but at the same time, not so advanced that only professional bicyclists would understand it. Whether your bike is a hand-me-down from Walmart or pushing five figures (okay, if your bike is that expensive, you probably have and need a dedicated mechanic), there's tons of value in this book. And on top of that, the book is so cheap! Excellent value that I'd recommend to anyone with a bike.

Though not quite as exhaustive as Zinn and the Art of Bike Maintenance, this manual includes detailed, step-by-step illustrations that leave no doubt as to what/how to accomplish a task. Where Zinn is the more comprehensive guide geared more towards the mid to advanced user, this guide focuses on the newbie/ill acquainted with bike maintenance, (I fit firmly in the latter category!) There are parts of this manual that are generally common sense, but it also walks you through just about everything you'd want to be able to do with a bike, and it does so in a way that leaves you less likely to leave you with a higher bill at the LBS when they have to fix your mistakes. That being said, there are sections that are rather light, such as how to tighten/adjust spokes. I'll leave that to the LBS as there's a bit of art and a bit of science to that task, and this manual leaves out quite a bit of detail on this. Though this manual doesn't replace Zinn, (by a long-shot), it is a great compliment; the illustrations help to make some of the steps described in Zinn make a bit more sense.

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