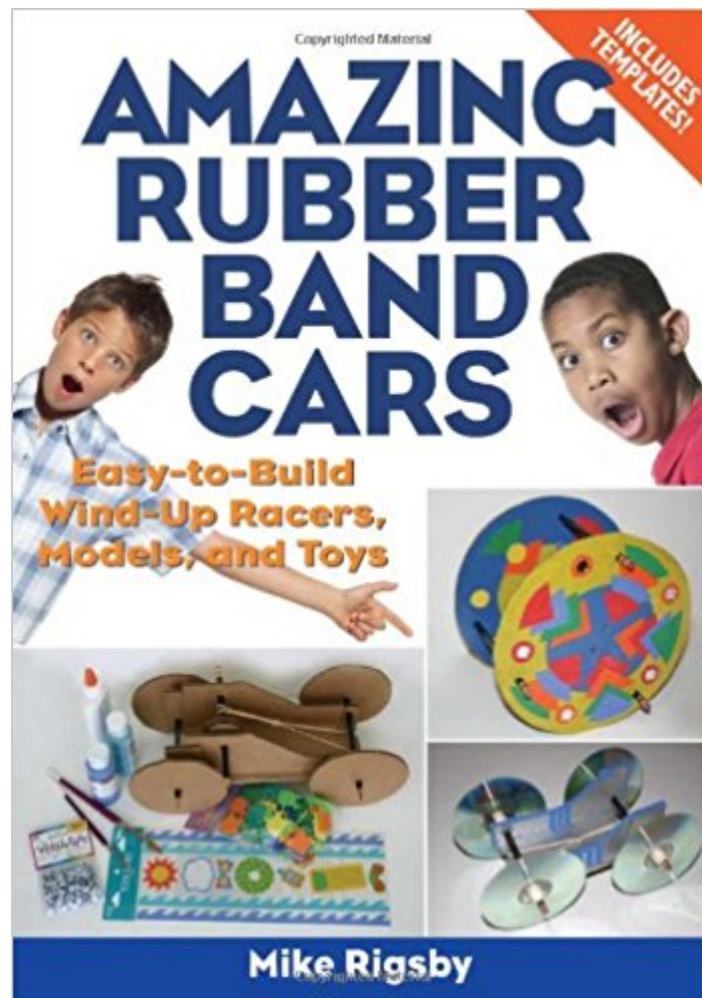




The book was found

Amazing Rubber Band Cars: Easy-to-Build Wind-Up Racers, Models, And Toys



Synopsis

Combining fun and interactive activities, this guide will have kids captivated for hours constructing fantastic racing cars with the basics of only rubber bands, cardboard, and glue. These simple instructions with templates allow budding engineers to gain hands-on experience as they learn not only how to build a basic racer, but how to make modifications such as aluminum foil axle bearings, steering mechanisms, hinges, cam shafts, and wheels made out of old CDs. This helpful resource has step-by-step instructions for making a basic rubber-band model, a railroad push-car, and a high-speed racer. Other unique projects include Oscar the Laughing Clown, which has a jaw mechanism that opens and closes when it moves, and Spot the Dog, which has a moving tail. Children can even learn how to build a rubber band car big enough for a human. Exploring wheels, bearings, and friction, kids will learn not only how to make speedy racers but also the science that makes the process work.

Book Information

Paperback: 136 pages

Publisher: Chicago Review Press (November 1, 2007)

Language: English

ISBN-10: 1556527365

ISBN-13: 978-1556527364

Product Dimensions: 7 x 0.3 x 10 inches

Shipping Weight: 8 ounces (View shipping rates and policies)

Average Customer Review: 4.0 out of 5 stars 4 customer reviews

Best Sellers Rank: #1,407,158 in Books (See Top 100 in Books) #91 in Books > Children's Books > Activities, Crafts & Games > Crafts & Hobbies > Models #120 in Books > Children's Books > Activities, Crafts & Games > Crafts & Hobbies > Papercrafts #560 in Books > Engineering & Transportation > Automotive > Racing

Age Range: 9 - 12 years

Grade Level: 4 and up

Customer Reviews

"A clever craft collection . . . These projects are fun to construct, and inquisitive minds will be fascinated by the moving cars, whether done for a science project or strictly for leisure time enjoyment." — School Library Journal "Filled with fun projects." — Island Family Magazine "Finally, an engineer writes a book for kids! Amazing Rubber Band Cars is much

more than a throwback to the 1950s, when kids made their own toys. Mike Rigsby realizes that you learn more by building than by buying . . . and that home-brewing a cardboard car is just plain fun."

—Cliff Stoll, author, *The Cuckoo's Egg* "These simple instructions with templates allow budding engineers to gain hands-on experience."

—Edmonton's Child

Mike Rigsby is an electrical engineer who has contributed to several magazines, including *Byte*, *Circuit Cellar*, *Modern Electronics*, and *Robotics Age*.

This book has provided a lot of fun with the kids with things around the house; I recommend it for others

I'm an English/Science teacher in Asia, and thought that the projects in this book would be great for my students, aged 9-12. I took a look at the first few pages of the book on , and liked how it laid out instructions in a straight-forward manner, with plenty of pictures included. But I've got to say, when we put the instruction into practice, things got pretty difficult. Nearly every project in the book requires cardboard, which is easy enough to locate, but try cutting the assembly-pieces: you're going to need a box-cutter or heavy-duty scissors, and kids aren't going to have the strength to get through the cardboard, even if you trust them with such implements. You could use thinner cardboard, but you'll be forsaking structural integrity. Then it's time to break out the white glue, which takes a long time to dry; leave the project over-night for the glue to set properly. Precariously balance all the glued-together parts, and hope that they stay where they should. From there on in, it's smooth sailing, and you have a rickety cardboard car that travels about six feet of its own accord. Considering how if you push a regular toy car across the floor you'll end up with pretty much the same result, I wasn't surprised when my students were pretty underwhelmed. So, in closing, parents & teachers should be prepared to foot nearly all of the effort required in the construction of something that will take you a couple of hours (spread over two days) to construct, and end with something that will leave a child not asking "How does it do that?", but "Why bother?" Then, the project will be stepped on and thrown away. I'm sounding negative, so why the three-star review? Well, the book is laid out very well, the explanations of the simple mechanics are good for kids, and the projects DO work. For what they're worth.

good stuff to keep one busy for many moons in this book

Though some of the projects require adult assistance for younger children, this is a big hit for parent-child projects and folks with a penchant for fun and unusual projects. Especially like the rubber band toys.

[Download to continue reading...](#)

Amazing Rubber Band Cars: Easy-to-Build Wind-Up Racers, Models, and Toys Rubber Band Engineer: Build Slingshot Powered Rockets, Rubber Band Rifles, Unconventional Catapults, and More Guerrilla Gadgets from Household Hardware Dirt Bike Racers (Kid Racers) BMX Racers (Kid Racers) Cash in the Wind: How to Build a Wind Farm Using Skystream and 442SR Wind Turbines for Home Power Energy Net-Metering and Sell Electricity Back to the Grid Cash In The Wind: How to Build a Wind Farm with Skystream and 442SR Wind Turbines for Home Power Energy Net Metering and Sell Electricity Back to the Grid British Diecast Model Toys Catalogue: Dinky Toys and Matchbox Toys v. 1 Toys & Prices: The World's Best Toys Price Guide (Toys and Prices) American Folk Toys: Easy-to-Build Toys for Kids of All Ages Trucks, Planes and Cars Coloring Book: Cars coloring book for kids - activity pages for preschooler (Cars coloring book for kids ages 2-4 4-8) (Volume 1) The Best Car Book in The World: Exploring the World's Most Expensive Cars, The World's Rarest Cars, and Cars of the Future Cut & Assemble 3-D Geometrical Shapes: 10 Models in Full Color (Models & Toys) How to Draw a Car : Drawing Fast Race Sports Cars Step by Step: Draw Cars like Ferrari,Buggati, Aston Martin & More for Beginners (How to Draw Cars Book) (Volume 1) Cool Doughs, Putties, Slimes, & Goops: Crafting Creative Toys & Amazing Games (Cool Toys & Games) Rubber Soul: Rubber Stamps and Correspondence Art (Folk Art and Artists Series) Rosie the Rubber Worker: Women Workers in Akron's Rubber Factories during World War II THE RUBBER STAMPER magazine January/February 2000 (For Rubber Stamp Enthusiasts - Projects, Techniques, Coloring with Chalk, Stamping on Wood, Gel Pen Resist, Fold Up Cards, Brayer Backgrounds, Cardmaking, From Victorian to Modern Valentine Cards, Volume 4, No. 1) Wind Power Basics: The Ultimate Guide to Wind Energy Systems and Wind Generators for Homes Easy European Cookbook Box Set: Easy English Cookbook, Easy Greek Cookbook, Easy French Cookbook, Easy Irish Cookbook, Easy German Cookbook, Easy Portuguese ... Portuguese Recipes, Irish Recipes 1) Off-Grid Living: How To Build Wind Turbine, Solar Panels And Micro Hydroelectric Generator To Power Up Your House: (Wind Power, Hydropower, Solar Energy, Power Generation)

[Contact Us](#)

[DMCA](#)

Privacy

FAQ & Help