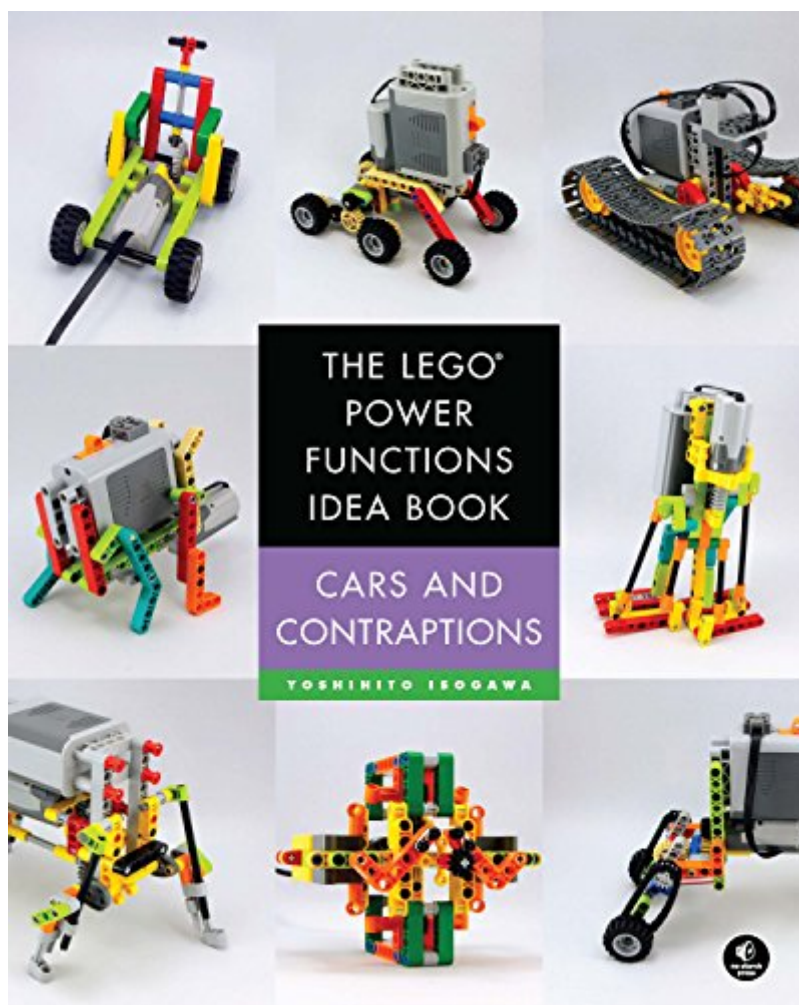


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# The LEGO Power Functions Idea Book, Vol. 2



## Synopsis

This second volume of The LEGO Power Functions Idea Book, Cars and Contraptions, showcases small projects to build with LEGO Technic gears, motors, gadgets, and other moving elements. You'll find hundreds of clever, buildable mechanisms, each one demonstrating a key building technique or mechanical principle. You'll learn to build four-wheel drive cars, adorable walking 'bots, steerable tanks, robotic inchworms, and cars that can follow the edge of a table! Each model includes a list of required parts and colorful photographs that guide you through the build without the need for step-by-step instructions. As you build, you'll explore the principles of gear systems, power translation, differentials, suspensions, and more.

## Book Information

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## Customer Reviews

I think this book is better than his Simple Machines and Power Functions (Vol 1) books. Gets into some reasonably interesting (but still reasonably "simple") designs. As with Vol 1, you have to be rather visually/spatially oriented to reproduce his designs, since he just gives a few views of the

designs--no stepwise building instructions. Second favorite of my 6 Lego-style books. Favorite is "The Unofficial Lego Technic Builder's Guide," which is essentially a detailed textbook on Lego Technic construction concepts.

My boys, 14 and 12, were delighted with this book. They can't wait to make some creations. I wish it would have come with a kit with all the parts they needed, or that it was listed so you could purchase them when you buy the book. The directions are good and I think they will do fine putting them together.

Great book with plenty of clever ideas. I love the simplicity of the designs - they're truly Japanese inspired. Although all of the models work, some of them only slightly work, or don't work very well.

With sets like EV3, NXT, and Technic, youâ™ll have ample opportunities to help your LEGO-loving child transition from simple kid sets to more complex robotic sets. And this is a good thing, especially if your child wants to be an engineering or scientist when they grow up. My son has thoroughly loved his advanced sets from LEGO Education, and he uses the parts every week. But even with all these Technic and robotic pieces at hand, a child can eventually run out of ideas for new things to build. What to do then? Buy this guide!! The legendary Yoshihito Isogawa has written two new books, The LEGO Power Functions Idea Book, Vol. 1 and The LEGO Power Functions Idea Book, Vol. 2, to guide you in your LEGO Technic adventures. It may take years for a kid to get through both books! LEGO Power Functions Idea Book volume 1 contains 316 pages of high quality images and instructions to teach you all about machines and mechanisms, while volume 2 is equally gorgeous with 318 pages all about cars and contraptions.

I originally gave this one star because of the frustration that there isn't a lego set that goes with this book. I bought this book for my 8 year old with some motors and a technic car. He has lots of hero factory and some of the regular legos. We had trouble finding the parts in his bin and he quickly gave up. He can build it if he sees the instructions and the parts. I thought I can buy the parts. I cant. The part list does not have ids. Pick a brick at lego doesn't list it. I called a lego store and they cant order the parts. I eventually built something with the motors but it wasn't based on anything in this book. This is useless. I went out and

bought:[http://www..com/Klutz-Lego-Crazy-Action-Contraptions/dp/1591747775/ref=sr\\_1\\_1?ie=UTF8&qid=1451241724&sr=8-1&keywords=lego+crazy+action+contraptionshttp://www..com/LEGO-Tec](http://www..com/Klutz-Lego-Crazy-Action-Contraptions/dp/1591747775/ref=sr_1_1?ie=UTF8&qid=1451241724&sr=8-1&keywords=lego+crazy+action+contraptionshttp://www..com/LEGO-Tec)

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Lots of great innovative ideas for power function creations. Years worth the projects for my students to explore. Great resource!

Book has lot of good ideas. I think it has a pretty wide gamma of solutions. Recommended to have it handy when looking for some inspiration to build a lego machine.

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