



Mastering Autodesk Inventor 2013 and Autodesk Inventor LT 2013

By Curtis Waguespack

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Mastering Autodesk Inventor 2013 and Autodesk Inventor LT 2013 By Curtis Waguespack

The complete, real-world reference and tutorial for mastering Autodesk Inventor 2013

This completely updated and revised edition includes new content requested by readers and coverage of all of Inventor's latest features. *Mastering Autodesk Inventor 2013 and Inventor LT 2013* starts with a basic hands-on tour of the 3D design workflow and concludes with coverage of Inventor's built in programming tools. In between you'll find exercises and productivity tips as well as information on all aspects of the Inventor tools in Inventor LT to Inventor Professional.

This detailed guide helps you quickly become proficient with everything from 3D parametric modeling design concepts and working with large assemblies to Weldment design and the routed systems features. Written by an Autodesk Certified Instructor with extensive experience using and teaching Inventor, this book features techniques and tactics not documented elsewhere, making this an invaluable reference that you'll turn to again and again.

- Helps you master Autodesk Inventor 2013 and Inventor LT 2013 and the fundamentals of 3D design
- Reviews how to effectively configure and use Inventor project files
- Shows you how to build and edit robust part models using basic and advanced tools
- Explores the tools used for designing sheet metal parts and how to copy assemblies for design reuse
- Covers large assembly strategies and reviews the ever-changing computer hardware landscape
- Other topics include conducting dynamic simulation and stress analysis, and working with Plastics design features and Inventor tooling for mold design

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Editorial Review

From the Back Cover

Follow Best Practices and Improve Your Designs

Packed with real-world examples and workflows, this comprehensive reference and tutorial has all the expert-level Inventor tips, tricks, and techniques you need to get the most from Autodesk's powerful 3D mechanical design software. Completely updated and revised, this edition includes new content requested by readers, as well as coverage of all of Inventor's latest features. From a hands-on tour of the 3D design workflow to full coverage of Inventor's built-in programming tools, it offers productivity tips, exercises, and information on all aspects of Inventor.

Become proficient with everything from 3D parametric modeling design concepts and working with large assemblies to weldment design and the routed systems features. Written by an Autodesk Certified Instructor with extensive Inventor experience, this detailed book features techniques and tactics not documented elsewhere, making it an invaluable reference that you'll turn to again and again.

Coverage includes:

- Mastering the fundamentals of 3D design
- Effectively configuring and using Inventor project files
- Digging into the tools for creating and editing 2D sketches and 3D sketches
- Building and editing robust part models using basic and advanced tools
- Exploring the tools used for designing sheet metal parts
- Reusing parts and features across designs
- Copying assemblies for design reuse
- Creating frame designs with Inventor's Frame Generator
- Following large assembly strategies and reviewing the ever-changing computer hardware landscape
- Automating designs with iLogic, an easy way to capture and reuse your work
- Conducting dynamic simulation and stress analysis
- Working with Plastics design features and Inventor tooling for mold design

Master Autodesk Inventor 2013 and Inventor LT 2013

Learn Real-World Workflows and Working with Large Assemblies

Explore Crucial Productivity-Boosting Tools

Use Inventor Professional's Dynamic Simulation and Stress Analysis Features

Prepare for the Inventor 2013 Certified Associate or Certified Professional Exams

About the Author

Curtis Waguespack, an Inventor expert and Autodesk Certified Instructor, has taught Inventor in the classroom and consulted with and supported manufacturing and design firms in industries ranging from

aerospace to consumer products and industrial machinery. He uses Inventor daily in a real-world design and manufacturing environment and has designed a wide range of manufactured products, large and small, with Inventor. Curtis maintains the popular "From the Trenches" Inventor blog (inventortrenches.blogspot.com) and speaks at Autodesk University and other industry events.

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Dustin Broach:

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Playing with family within a park, coming to see the sea world or hanging out with close friends is thing that usually you have done when you have spare time, after that why you don't try point that really opposite from that. One activity that make you not experiencing tired but still relaxing, trilling like on roller coaster you are ride on and with addition details. Even you love Mastering Autodesk Inventor 2013 and Autodesk Inventor LT 2013, it is possible to enjoy both. It is great combination right, you still need to miss it? What kind of hangout type is it? Oh can occur its mind hangout guys. What? Still don't obtain it, oh come on its referred to as reading friends.

Brian Register:

Mastering Autodesk Inventor 2013 and Autodesk Inventor LT 2013 can be one of your nice books that are good idea. We all recommend that straight away because this e-book has good vocabulary that could increase your knowledge in terminology, easy to understand, bit entertaining but delivering the information. The article writer giving his/her effort that will put every word into pleasure arrangement in writing Mastering Autodesk Inventor 2013 and Autodesk Inventor LT 2013 yet doesn't forget the main place, giving the reader the hottest as well as based confirm resource facts that maybe you can be one among it. This great information may drawn you into new stage of crucial pondering.

John Hagen:

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