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# Mastering Autodesk Inventor 2016 and Autodesk Inventor LT 2016: Autodesk Official Press

By Paul Munford, Paul Normand



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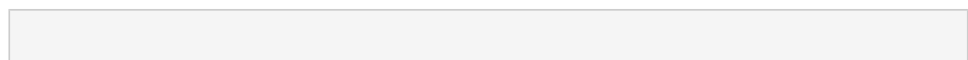
**Your real-world introduction to mechanical design with Autodesk Inventor 2016**

*Mastering Autodesk Inventor 2016 and Autodesk Inventor LT 2016* is a complete real-world reference and tutorial for those learning this mechanical design software. With straightforward explanations and practical tutorials, this guide brings you up to speed with Inventor in the context of real-world workflows and environments. You'll begin designing right away as you become acquainted with the interface and conventions, and then move into more complex projects as you learn sketching, modeling, assemblies, weldment design, functional design, documentation, visualization, simulation and analysis, and much more. Detailed discussions are reinforced with step-by-step tutorials, and the companion website provides downloadable project files that allow you to compare your work to the pros. Whether you're teaching yourself, teaching a class, or preparing for the Inventor certification exam, this is the guide you need to quickly gain confidence and real-world ability.

Inventor's 2D and 3D design features integrate with process automation tools to help manufacturers create, manage, and share data. This detailed guide shows you the ins and outs of all aspects of the program, so you can jump right in and start designing with confidence.

- Sketch, model, and edit parts, then use them to build assemblies
- Create exploded views, flat sheet metal patterns, and more
- Boost productivity with data exchange and visualization tools
- Perform simulations and stress analysis *before* the prototyping stage

This complete reference includes topics not covered elsewhere, including large assemblies, integrating other CAD data, effective modeling by industry, effective data sharing, and more. For a comprehensive, real-world guide to Inventor from a professional perspective, *Mastering Autodesk Inventor 2016 and Autodesk Inventor LT 2016* is the easy-to-follow hands-on training you've been looking for.



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**Mastering Autodesk Inventor 2016 and Autodesk Inventor LT 2016: Autodesk Official Press** By Paul Munford, Paul Normand Bibliography

- Sales Rank: #909461 in eBooks
- Published on: 2015-12-21
- Released on: 2015-12-21
- Format: Kindle eBook

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## **Editorial Review**

From the Back Cover

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Whether you're just starting out or preparing for the Inventor certification exam, this is the guide you need to quickly gain confidence and real-world ability.

#### **Coverage includes:**

- Understanding key interface conventions and capabilities
- Sketching, modeling, and editing parts
- Creating exploded views and flat sheet metal parts
- Boosting productivity with data exchange and visualization tools
- Performing simulations and stress analysis before the prototyping stage
- Integrating other CAD data
- Effectively modeling by industry
- Making your models look great, live on screen
- Using iLogic, the programming add-in that's included with the Autodesk Inventor software

Grasp Inventor design concepts and applications

Master basic and advanced modeling techniques

Sketch, work with sheet metal, and part edit

Work with large assemblies

Learn with step-by-step tutorials and real-world examples

About the Author

**Paul Munford** is an Application Engineer for Graitec Professional Services. Until recently Paul was the CAD/CAM manager for a cabinet maker in the United Kingdom. In his role as a CAD manager and drafter, Paul used CAD for setting out joinery and communicating project ideas to clients. Outside of work, Paul shares his love of CAD as the author of Cadsetterout.com, a blog devoted to sharing tips, tricks, and tutorials for AutoCAD and Autodesk Inventor.

**Paul Normand** is a principal content developer at Autodesk, Inc. Previously, he designed high voltage electrical substation equipment and high tech laboratory equipment. He became an applications engineer for an Autodesk reseller and spent the next sixteen years demonstrating, training, and supporting Autodesk

manufacturing software.

## **Users Review**

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