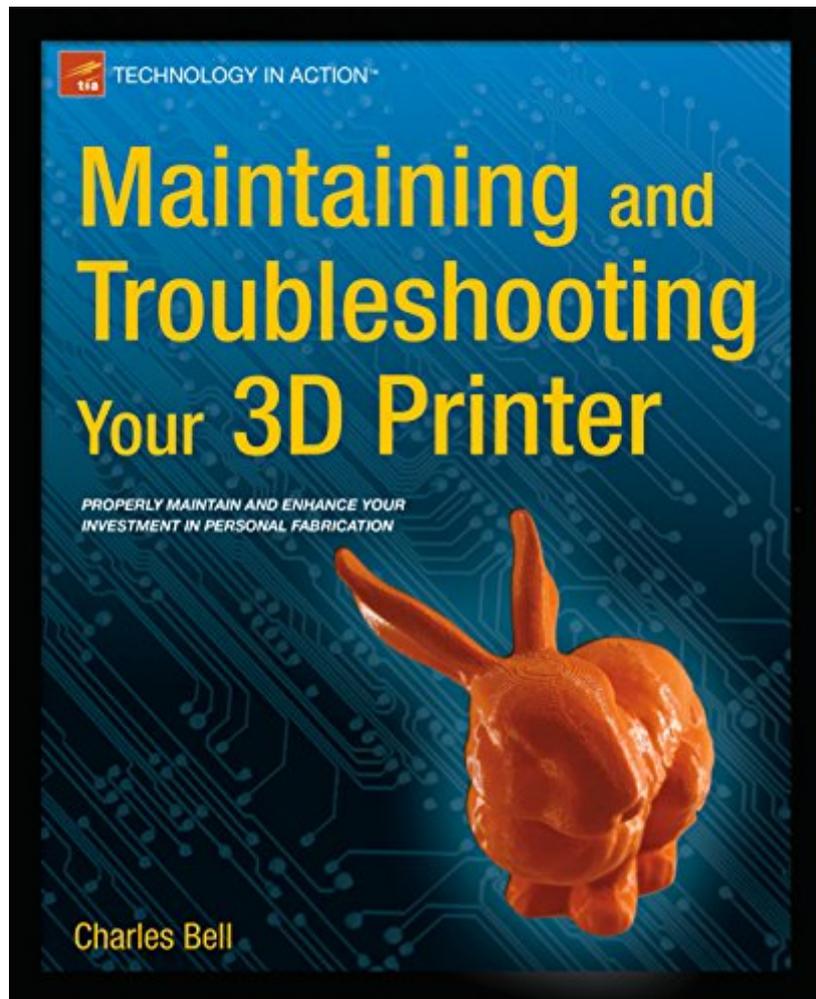


The book was found

# Maintaining And Troubleshooting Your 3D Printer



## Synopsis

Maintaining and Troubleshooting Your 3D Printer by Charles Bell is your guide to keeping your 3D printer running through preventive maintenance, repair, and diagnosing and solving problems in 3D printing. If you've bought or built a 3D printer such as a MakerBot only to be confounded by jagged edges, corner lift, top layers that aren't solid, or any of a myriad of other problems that plague 3D printer enthusiasts, then here is the book to help you get past all that and recapture the joy of creative fabrication. The book also includes valuable tips for builders and those who want to modify their printers to get the most out of their investment. Good fabrication begins with calibration. Aligning the print bed to support deposition of medium in three dimensions is critical. Even off-the-shelf machines that are pre-built must be aligned and periodically realigned throughout their life cycle. Maintaining and Troubleshooting Your 3D Printer helps you achieve and hold proper alignment. Maintaining and Troubleshooting Your 3D Printer also helps with software and hardware troubleshooting. You'll learn to diagnose and solve firmware calibration problems, filament and feed problems, chassis issues, and more. Finally there are regular maintenance and enhancements. You've invested significantly in your 3D printer. Protect that investment using the guidance in this book. Learn to clean and lubricate your printer, to maintain the chassis, and know when realignment of the print bed is needed. Learn ways to master your craft and improve the quality of your prints through such things as post-print finishing and filament management. Don't let the challenges of 3D printing stand in the way of creativity. Maintaining and Troubleshooting Your 3D Printer by Charles Bell helps you conquer the challenges and get the most benefit from your expensive investment in personal fabrication. What you'll learn: Achieve proper calibration through aligning your print bed in three dimensions Choose the best filament and media to use in different types of projects Diagnose software issues such as problem STL files and calibration errors in firmware Extend the life and accuracy of your device by keeping up with regular maintenance Contribute your own, successful 3D models back to the community Enhance quality through filament management, the addition of hot ends, and more Who this book is for Maintaining and Troubleshooting Your 3D Printer by Charles Bell is aimed at owners of MakerBot and similar 3D printing devices. If you own such a machine, and especially if you've ever been frustrated in getting it to perform and deliver on a design that you've created, then this book has been written with you in mind. Maintaining and Troubleshooting Your 3D Printer is written to help you troubleshoot and diagnose the many problems commonly encountered in the field of personal fabrication.

## Book Information

File Size: 13861 KB

Print Length: 521 pages

Page Numbers Source ISBN: 1430268093

Publisher: Apress; 1 edition (August 27, 2014)

Publication Date: August 27, 2014

Sold by: Digital Services LLC

Language: English

ASIN: B00M4FBYR2

Text-to-Speech: Enabled

X-Ray: Not Enabled

Word Wise: Not Enabled

Lending: Not Enabled

Enhanced Typesetting: Not Enabled

Best Sellers Rank: #440,613 Paid in Kindle Store (See Top 100 Paid in Kindle Store) #59

in Books > Computers & Technology > Graphics & Design > 3D Printing #73 in Books >

Computers & Technology > Hardware & DIY > Maintenance, Repair & Upgrading #87 in Kindle

Store > Kindle eBooks > Engineering & Transportation > Engineering > Mechanical > Robotics

## Customer Reviews

WOW! Chuck did a knock out job on the book! Way more than I was expecting, way more information than I was expecting! This book will really help the beginners and even some good info for the veterans. He covers everything for the beginners and more advance topics as the users progress. Spend the money to buy the book if you are beginning, because it will save you from making mistakes that cost time and money. I was at a loss for words when I started browsing through and was very impressed. That is coming from someone who has been involved in this industry for quite a few years.

Well so far it looks good. It includes many details I was wondering about. Since I am a retired electronic/mechanical field service engineer I am mainly picking up the new terms used in 3D printers. The programming is all new to me though. The structure and electrical elements are explained very well. It gets better as I read on. Frankn

An excellent resource to make sure your 3D printer is running well and that you are getting the

results you want from it. A 3D printer can be a designer's dream. But it can also be frustrating when you don't get the finished product you intended due to improper set-up, nozzle clogs, curled edges, or other much less than desired outcomes. If you have a 3D printer you need this book.

Very useful book! Problems will likely get in your way and this book will help you quickly solve them and it does focus on what matters the most when using your 3D printing device . The book is very well written and organized.

Very good book, a lot of case and hot tips ! If you are in the 3D printing world, this book is written for you, thanks to the writer

Very useful book for owners of a 3D printing device (MakerBot and similar). Problems will likely get in your way and this book will help you quickly solve them and focus on what matters the most. Moreover, it provides very relevant tips and tricks to maintain and take the most of your 3D printing device. The book is very well written and organized.

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

Maintaining and Troubleshooting Your 3D Printer Inexpensive 3D Printer Projects: How to build your own 3D printer and accessories Troubleshooting and Maintaining Your PC All-in-One For Dummies A+ Guide to Software: Managing, Maintaining, and Troubleshooting (Available Titles CourseMate) Windows 10 Troubleshooting: Windows 10 Manuals, Display Problems, Sound Problems, Drivers and Software: Windows 10 Troubleshooting: How to Fix Common Problems ... Tips and Tricks, Optimize Windows 10) Easy Thermostat Wiring & Troubleshooting Guide: Simple HVAC, Furnace, and Air Conditioning; Thermostat Wiring and Troubleshooting Guide for Homeowners (HelpItBroke.com - Easy HVAC Guides Book 3) Outboard Engines: Maintenance, Troubleshooting, and Repair, Second Edition: Maintenance, Troubleshooting, and Repair Come and Take It: The Gun Printer's Guide to Thinking Free Your Home Library: The Complete System for Organizing, Locating, Referencing, and Maintaining Your Book Collection Annuals, Perennials & Bulbs for Your Home: Designing, Planting & Maintaining Your Flower Garden (Gardening) How Your House Works: A Visual Guide to Understanding & Maintaining Your Home A+ Guide to Managing and Maintaining Your PC, 7th Edition Month to Month Gardening Utah: Tips for Designing, Growing and Maintaining Your Utah Garden The Haynes Bicycle Book: The Haynes Repair Manual for Maintaining and Repairing Your Bike (Haynes Automotive Repair Manual Series) A+ Guide to Managing & Maintaining Your PC Lab Manual for Andrews' A+ Guide to Managing & Maintaining Your PC, 8th

A+ Guide to Managing & Maintaining Your PC (Book Only) A+ Guide to Managing & Maintaining Your PC (with Printed Access Card) by Andrews, Jean 8th (eighth) Edition (1/1/2013) Maintaining Your Trust Accounts Using QuickBooks Child Discipline Made Easy: Effective Strategies Proven to Change Your Child's Behavior While Maintaining A Healthy Relationship (Child discipline, toddler discipline, parenting)

[Dmca](#)