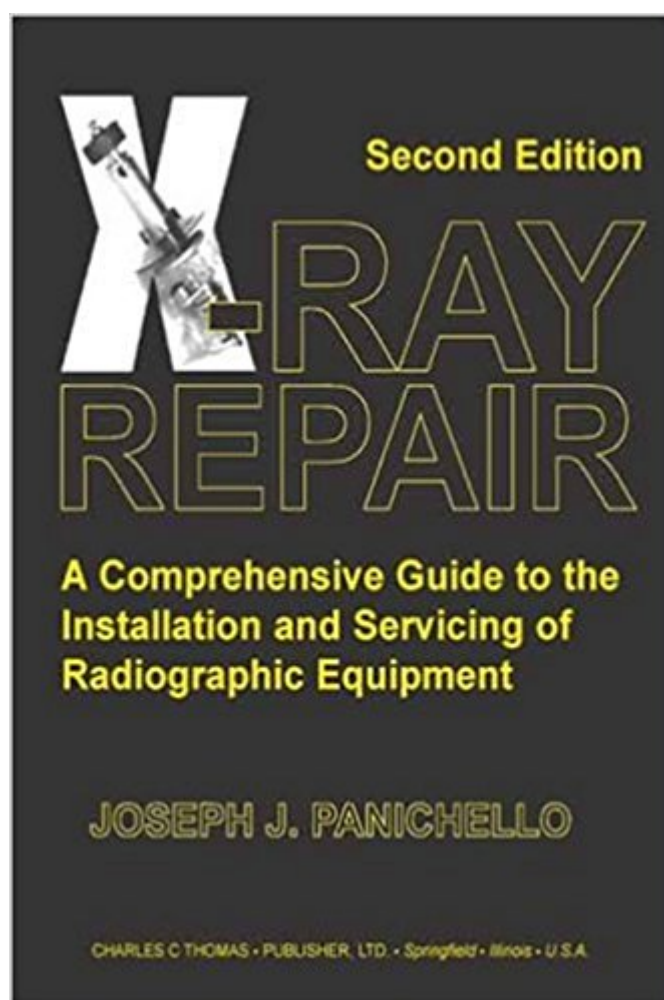


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# X-ray Repair: A Comprehensive Guide To The Installation And Servicing Of Radiographic Equipment



## Synopsis

This unique book is intended to be used as a field guide and reference manual for field service engineers and in-house biomedical engineers when servicing radiographic equipment. The text includes chapters on the history and development of radiographic equipment, types of equipment found in the general radiographic room, fundamentals of radiography, safety practices in servicing, mobile x-ray units, installation processes, preventive maintenance, image quality, troubleshooting and repair, and customer relations. New to this edition are chapters on tomography and mammography. The chapter on tomography presents the essentials required to operate and service a tomographic unit and also discusses tomographic theory as well as required maintenance and calibration procedures. The chapter on mammography provides the basics of breast imaging and includes a detailed description of a mammographic unit, including electronic calibrations, troubleshooting techniques, and an overview of digital mammography. Another new chapter, 'The Seasoned Engineer,' describes practices that will allow engineers relatively new to the field to advance in their careers. The text is further enhanced with many helpful illustrations and charts. In addition to serving as a universal manual for x-ray service and biomedical engineers, the book will also be valuable to radiologists and radiology administrators.

## Book Information

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## Customer Reviews

Practical experience and basic concept of imaging equipment theory, function and repair. Lots of valuable information on installation, calibration and quality. Could be a good book for an associate

degree program in biomedical or clinical technology or for someone already working in the field who would like to migrate into imaging repairs.

Excellent book for anyone interested in repairing and maintaining X-ray equipment. Great overview of X-ray equipment with enough details for a seasoned FSE. Great overall book.

This book is not recommended. The x-ray machine designs have changed dramatically in recent years that this book is totally outdated. I don't know one can use this book as a guide for installation with a slight or remote possibility. This outdated material is a waste of time and my x-ray service manual is even better than this book.

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