THE COMPLETE MICROWAVE OVEN SERVICE HANDBOOK on CD-ROM

Operation, Maintenance, Troubleshooting and Repair

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Intro—Introduction by the author, John C Gallawa

EMnrgy—Understanding the basic principles of electromagnetic energy

FreqSpec—Description of the electromagnetic frequency spectrum showing the frequency range of microwaves used in microwave ovens

HowCook—Learn how and why microwaves cook food

Leakage—Determining what is a safe distance from an operating microwave oven?

Caution—Important information about safety and accidental electrocution when working around electricity

CapDschg—How to properly discharge the high-voltage capacitor

GrndTst—How to check the electrical outlet for proper grounding and polarity

Triac—Understanding the circuit operation of the triac in a microwave oven

TriacTst—How to test the triac

Intrlock—Understanding the purpose of the interlock monitor circuit and how it works

SurgProt—Find out about all about the different types of surge protectors that are used in microwave ovens

MagTest—How to test the magnetron

TfmrTst—How to test the high-voltage transformer

DiodeTst—How to test the high-voltage diode

Arcing—Why the waveguide cover starts to arc and how to repair it

Convectn—Discover the difference between convection heating and conventional heating and how the convection mode works

OTRSvc—How to gain service access to over-the-range models

NAVIGATING

The Complete Microwave Oven Service Handbook

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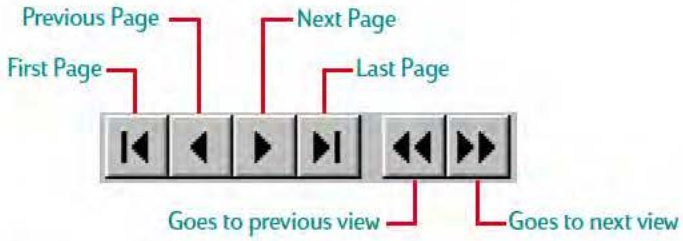

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