

## CONSUMER RELATIONS GUIDE FOR THE SERVICE TECHNICIAN

### CR-3

This job aid provides information on preventing consumer relations problems and promoting consumer satisfaction as it applies to the service technician. It also provides information on dealing with dissatisfied and angry consumers.

LIT8178294	Guide
\$5.00	
LIT8178303	Pocket Card
\$5.00	
LIT8178438	PowerPoint CD
\$5.00	

## CONSUMER RELATIONS GUIDE FOR THE SERVICE COMPANY CALL REPRESENTATIVE

### CR-4

This job aid provides information on preventing consumer relations problems and promoting consumer satisfaction, as it applies to the call representative. It also provides information on dealing with dissatisfied and angry consumers.

LIT8178357	Guide
\$5.00	
LIT8178363	Pocket Card
\$5.00	
LIT8178438	PowerPoint CD
\$5.00	

## HOW TO USE AND UNDERSTAND A VOLT-OHM-AMP WATTMETER

### G-14

Covers step-by-step how a multimeter is constructed, how and why it works and how to read the different meter scales. Safe use and how to test appliance components for defects are highlighted by using various functions of the meter and how to select proper ranges.

LIT677768 Rev. A	Job Aid
\$5.00	

## GAS BASICS - DRYER AND RANGE BURNERS

### G-17

Covers types of fuels, how basic burners work, L.P. conversions and flame characteristics. Describes the specific operation and diagnosis of dryer and range burner assemblies. This program is very effective when

used with Video Tape, Part #4314011. (For both new and experienced technicians.)

LIT4314010	Job Aid
\$5.00	
LIT4314011V	VHS Video Tape
\$14.95	

## ADJUSTMENT AND REPAIR PROCEDURES TO MINIMIZE CARBON MONOXIDE (CO) LEVELS IN GAS RANGES AND OVENS

### G-18

This Job Aid provides the information necessary to properly understand the nature of Carbon Monoxide, tests for the possibility of excessive levels and adjustment and repair procedures should excessive levels exist.

LIT4322259	Job Aid
\$5.00	

## BASIC WIRING DIAGRAMS

### G-19

This program provides a complete guide to understanding and reading wiring diagrams for all types of appliances. Tracing active circuits, reading active circuits, pinpointing problem areas and using strip circuits as a diagnostic tool are all included in the comprehensive Job Aid. (Appropriate for both the experienced and beginning technician.)

LIT4314787	Job Aid
\$5.00	
LIT4321353	Meeting Leader's Guide
\$5.00	

## ELECTRICAL THEORY & DIAGNOSIS OF MAJOR APPLIANCES

### G-20

This Job Aid/Workbook will introduce the technician to the fundamental theory of basic electricity. Exercises used throughout the workbook help Technicians understand circuits from basic to the more complex electronic wiring diagrams used in today's appliances. Electrical terms, Ohm's Law, Wiring Diagram symbols, etc. are all discussed in this easy to follow and understand manual.

LIT4322536	Job Aid
\$5.00	

# GENERAL

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## USING TEST EQUIPMENT

### **G-21**

This Job Aid/Workbook will introduce Technicians to the many tools, meters and testing equipment necessary to work and diagnosis home appliances. Information included in the manual discusses how to use each piece of equipment, where equipment can be purchased (special Whirlpool pricing), and what application the equipment is best suited for.

LIT4322537  
\$5.00

Job Aid

## COMMERCIAL LAUNDRY

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### COMMERCIAL DRYERS (CORE MANUAL) **CL-4**

This core job aid covers basic product information and mechanical drive system service procedures for all current commercial dryer platforms including 27" and 29" freestanding, as well as commercial stacked pairs. This program is most effective if used in conjunction with Video Tape, Part #4314542. **(For both new and experienced technicians.)**

LIT4314558	Job Aid
\$5.00	
LIT4314542V	VHS Video Tape
\$14.95	

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### COMMERCIAL WASHERS (CORE MANUAL) **CL-5**

This core job aid covers basic product information and mechanical drive system service procedures for the current direct drive commercial washer platform. This program is most effective if used in conjunction with Video Tape, Part #4321690. **(For both new and experienced technicians.)**

LIT4321689	Job Aid
\$5.00	
LIT4321690V	VHS Video Tape
\$14.95	

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### EMS1000-2000 COMMERCIAL LAUNDRY SYSTEMS **CL-6**

This manual is obsolete. Service information for EMS1000 and EMS2000 have been divided into separate manuals to better serve commercial customers. For service information on EMS1000, see literature part number 8178137. For service information on EMS2000, see literature part number 8178138.

LIT4322251	Job Aid
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### ADVANTECH™ SERVICE MANUAL **CL-7**

This job aid covers all details of the ADVANTECH™ line of commercial electronics including theory of operation, service routines, diagnosis, troubleshooting and component access. Mechanical systems are not part of this manual. For mechanical system service see job aid 4321689 for commercial washers and 4314558 for commercial dryers.

LIT8178077	Job Aid
\$5.00	

### ADVANTECH™ SOFTWARE MANUAL **CL-8**

This software manual covers all details of the ADVANTECH™ management software including installation, system requirements, Palm specifications and operation, audits and reporting. Also included with the manual is a complete ADVANTECH™ literature cross reference. **Part #8524745 PC User's Assembly contains one 8524743 and one 852477.**

LIT8524743	Software Manual
\$15.00	
LIT8524744	Software CD
\$15.00	
LIT8524745	PC User's Assembly
\$28.00	

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### COMMERCIAL RESOURCE SAVER **CL-9**

This job aid covers all details of the Commercial Resource Saver including theory of operation, service routines, diagnosis, troubleshooting and component access.

LIT8178129	Job Aid
\$5.00	

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### EMS1000 ELECTRONIC CONTROLLED COMMERCIAL LAUNDRY **CL-10**

This job aid covers all details of EMS1000 series of Commercial Electronic Laundry including theory of operation, service routines, diagnosis, troubleshooting and component access. For drive system service see job aid 4321689 for commercial washers and 4314558 for commercial dryers.

LIT8178137	Job Aid
\$5.00	

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### EMS2000 ELECTRONIC CONTROLLED COMMERCIAL LAUNDRY **CL-11**

This job aid covers all details of the EMS2000 Card reader equipped series of Commercial Electronic Laundry including theory of operation, service routines, diagnosis, troubleshooting and component access. For drive system service see job aid 4321689 for Commercial Washers and 4314558 for Commercial Dryers.

LIT8178138	Job Aid
\$5.00	

# LAUNDRY PRODUCTS

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## DOMESTIC LAUNDRY

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### APARTMENT MAINTENANCE LAUNDRY **AM-5**

This job aid covers maintenance procedures, which typically are performed by technically qualified building maintenance personnel. How to diagnose, repair or replace failed parts are explained in the job aid.

LIT4322616                      Job Aid  
\$5.00

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### COMPACT DIRECT DRIVE WASHER AND THIN TWIN **L-53**

Describes the suspension system, component location, and component access on compact washers and Thin-Twins using the direct drive washer design. **(For technicians with previous direct drive washer service experience.)**

LIT787752                      Job Aid  
\$5.00

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### DIRECT DRIVE WASHERS **L-55**

The objective of this Job Aid is to have the technician become familiar with how the direct drive washer operates, how to disassemble the washer and how to diagnose problems. This Job Aid is most effective when used in conjunction with Video Tape, Part #787929.

LIT787930 Rev. A              Job Aid  
\$5.00  
LIT787929V Rev. A          VHS Video Tape  
\$14.95

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### LARGE CAPACITY THIN TWIN LAUNDRY SYSTEM **L-56**

This Job Aid covers installation, operation, service access and technical information highlights for the Large Capacity Thin Twin Laundry System. This Job Aid is most effective when used in conjunction with Video Tape, Part #4314125. (For technicians with previous laundry service experience.)

LIT4314124                      Job Aid  
\$5.00  
LIT4314125V                  VHS Video Tape  
\$14.95

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## DRYER MECHANICAL SYSTEM **L-58**

Describes the dryer mechanical system and air movement and includes design, access and service procedures. This program is most effective when used in conjunction with Video Tape, Part #4314543.

LIT4314557                      Job Aid  
\$5.00  
LIT4314543V                  VHS Video Tape  
\$14.95

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## 22" COMPACT WASHER **L-62**

This Job Aid focuses on the newest design of the 22" Compact Washer and includes a full explanation of the electronic controls, self-diagnosis and service procedures. This program is most effective when used in conjunction with the Video Tape, Part #4321880.

LIT4321879                      Job Aid  
\$5.00  
LIT4321880V                  VHS Video Tape  
\$14.95

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## 27" ELECTRIC & GAS DRYERS **L-63**

This Job Aid provides specific information on the installation, service and repair of Whirlpool 27" dryers. Included is the most recent information on design, features, troubleshooting, service and repair procedures. (For both new and experienced technicians.)

LIT4322260                      Job Aid  
\$5.00

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## ACCUWASH, AUTOMATIC TEMPERATURE CONTROL SYSTEM **L-64**

The objective of this Job Aid is to familiarize the technician with the automatic water temperature control system featured on selected Whirlpool model washer. Included is theory of operation, unique components and diagnostics of the Accuwash System.

LIT4322334                      Job Aid  
\$5.00

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## LAUNDRY (continued)

### RESOURCE SAVER SPRAY RINSE SYSTEM

#### L-65

This job aid provides specific information on the new features and design elements of Direct Drive washers with the Spray Rinse System. The job aid will provide the Technician with the most recent information on design, features, troubleshooting, service and repair procedures.

LIT4322534                      Job Aid  
\$5.00

### ELECTRONIC AUTOMATIC WASHER WITH CATALYST CLEANING ACTION

#### L-66

This Job Aid has been compiled to provide specific information on the features, troubleshooting, service and repair procedures for electronic controlled washers with Catalyst Cleaning Action. For additional information on the basic washer design and function, refer to Job Aid #787930. For additional information on the Automatic Temperature Control feature, refer to Job Aid #4322334.

LIT4322673                      Job Aid  
\$5.00

### ELECTRONIC CONTROL WASHER WITH CALYPSO WASH MOTION

#### L-67

This Job Aid provides the technician specific information on the theory of operation, component access and diagnosis of electronic controlled washers with Calypso Wash Motion.

LIT8178010                      Job Aid  
\$5.00

### DUET FRONT-LOADING AUTOMATIC WASHER

#### L-68

This Job Aid provides the technician with information and procedures to properly install and service the Horizontal Axis washer. The Job Aid contains information on the disassembly and diagnostic functions of the washer. It also provides information on the optional pedestal.

LIT8178076                      Job Aid  
\$5.00

### DUET GAS AND ELECTRIC DRYERS

#### L-69

This Job Aid provides the technician with information and procedures to properly install and service both gas and electric dryers that match the Horizontal Axis washer. It also provides information on the optional pedestal.

LIT8178071                      Job Aid  
\$5.00

### PERSONAL VALET CLOTHES VITALIZING SYSTEM

#### L-70

This job aid provides specific information on the installation, operation and service of the Personal Valet Clothes Vitalizing System. Included are loading procedures, diagnostic procedures and wiring diagrams.

LIT8178153                      Job Aid  
\$5.00

### SINKSPA JETTED SINK

#### L-71

This job aid provides specific information on the installation, operation and service of the SinkSpa Jetted Sink.

LIT8178201                      Job Aid  
\$5.00

### DRYAIR DRYING CABINET

#### L-72

This job aid provides specific information on the installation, operation and service of the DryAire Drying Cabinet.

LIT8178202                      Job Aid  
\$5.00

### IMPRESS IRONING STATION

#### L-73

This job aid provides specific information on the installation, operation and service of the ImPress Ironing Station.

LIT8178203                      Job Aid  
\$5.00

# LAUNDRY PRODUCTS

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## **22" COMPACT WASHER**

### **L-74**

This job aid provides specific information on the installation, operation and service of the 22" Compact Washer.

LIT8178436

Job Aid

\$5.00

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## **KITCHENAID FRONT LOADING AUTOMATIC WASHER (ENSEMBLE)**

### **KAL-4**

This job aid provides specific information on the installation, operation and service of the KitchenAid Gas and Electric Dryers that match the Ensemble washer. Included are diagnostic procedures and wiring diagrams as well as information on the optional pedestal.

LIT4317252

Job Aid

\$5.00

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## **KITCHENAID GAS AND ELECTRIC DRYERS (ENSEMBLE)**

### **KAL-5**

This job aid provides specific information on the installation, operation and service of the KitchenAid Gas and Electric Dryers that match the Ensemble washer. Included are diagnostic procedures and wiring diagrams as well as information on the optional pedestal.

LIT4317356

Job Aid

\$5.00

## DISHWASHERS

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### APARTMENT MAINTENANCE SERVICING UNDERCOUNTER DISHWASHERS

#### AM-1

Covers maintenance procedures which typically are performed by technically qualified building maintenance personnel. How to diagnose, repair or replace water fill valve, pump and motor assembly, timer, etc.

LIT787382	Job Aid
\$5.00	
LIT4322170V	VHS Video Tape
\$14.95	

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### KITCHENAID KUD-24 DISHWASHERS

#### KAD-6

This program discusses the new design features of the KUD-24 dishwasher series and provides component access procedures and diagnostic tests for the electronic control board and various components.

LIT4317196 Rev. A	Job Aid
\$5.00	

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### KUD01 STAINLESS STEEL DISHWASHER

#### KAD-7

This Job Aid provides specific information on the installation, operation, diagnosis and repair of the KitchenAid Tall Tub Dishwasher. This Job Aid is most effective when used with the video tape, KUD01 Stainless Steel Dishwashers, part #4317287V.

LIT4317288	Job Aid
\$5.00	
LIT4317287V	VHS Video Tape
\$14.95	

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### BRIVA IN-SINK DISHWASHER

#### KAD-8

This job aid provides specific information on the installation, operation and service of the KitchenAid In-Sink dishwasher. Included are diagnostic procedures, wiring diagrams and strip circuits.

LIT4317308	Job Aid
\$5.00	
LIT4317287V	VHS Video Tape
\$14.95	

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### POWER CLEAN FILTER MODULE

#### KD-5

This program teaches individual part identification, diagnosis, and repair procedures for the Power Clean Filter Module dishwasher pump and motor assembly.

The workbook contains parts identification and diagnostic exercises and an illustrated repair procedure. Above material most effective when used with actual Power Clean Filter Modules and corresponding Video Tape, Part #4322456.

LIT4322455	Job Aid
\$5.00	
LIT4322456V	VHS Video Tape
\$14.95	

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### NEW GENERATION DISHWASHER

#### KD-8

The objective of this Job Aid is to have the technician become familiar with how the New Generation Dishwasher operates, how to access components and disassemble the dishwasher, and how to diagnose problems. The above material is most effective when used with corresponding Video Tape, Part #4314227.

LIT4314226	Job Aid
\$5.00	
LIT4314227V	VHS Video Tape
\$14.95	

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### NEW GENERATION DISHWASHER — POWER CLEAN MODEL

#### KD-9

This Job Aid focuses on Whirlpool's latest fully electronic-controlled dishwashers. This program is most effective when used in conjunction with Video Tape, Part #4314227.

LIT4314410	Job Aid
\$5.00	
LIT4314227V	VHS Video Tape
\$14.95	

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### 1998 DISHWASHERS — SERVICING AND TROUBLESHOOTING

#### KD-10

This Job Aid covers the complete 1998 dishwashers model line. It familiarizes the technician with the features of the new dishwashers, including all-electronic controls, the power clean filter pump and motor assembly and soil sensing system, as well as proper operation and servicing procedures. Above material is most effective with the corresponding Video Tape, Part #4322429.

LIT4322430	Job Aid
\$5.00	
LIT4322429V	VHS Video Tape
\$14.95	

# KITCHEN PRODUCTS

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## 1998 WHIRLPOOL POWER CLEAN FILTER DISHWASHERS

### **KD-11**

This Job Aid covers the new 1998 dishwashers with the Power Clean Filter pump and motor assembly. It familiarizes the technician with the features of the new dishwashers, including all-electronic controls, the power clean filter pump and motor assembly and soil sensing system, as well as proper operation and servicing procedures. Above material is most effective with the corresponding Video Tape, Part #4322460.

LIT4322451L                      Job Aid

\$5.00

LIT4322460V                      VHS Video Tape

\$14.95

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## POINT VOYAGER TALL TUB DISHWASHER

### **KD-12**

This Job Aid provides specific information on the installation, operation, diagnosis and repair of the Whirlpool Tall Tub Dishwasher.

LIT8178022                      Job Aid

\$5.00

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## ADDITIONAL VIDEO TAPES

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### INSTALLING THE KITCHENAID DISHWASHER

LIT4317023V                      VHS Video Tape

\$14.95

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### DISHWASHER

#### **KD-21**

LIT4177387V                      VHS Video Tape

\$14.95

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### STAINLESS STEEL DISHWASHER

#### **KUD01**

LIT4317287V                      VHS Video Tape

\$14.95

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## TRASH COMPACTORS

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### KUCS181T, KUCC151T TRASH COMPACTORS

#### **KAC-10**

This Job Aid presents the "T" series KitchenAid Built-In Compactors. Information on operation, design and component access procedures is presented.

LIT4316922                      Job Aid

\$5.00

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## COOKING PRODUCTS

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### APARTMENT MAINTENANCE — SERVICING ELECTRIC RANGES

#### **AM-2**

Covers maintenance procedures which typically are performed by technically qualified building maintenance personnel. How to check clock timers, surface elements, bake and broil elements, etc.

LIT4322213                      Job Aid

\$5.00

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### ROPER ELECTRONIC RANGE CONTROLS

This Job Aid provides specific information on troubleshooting and repair procedures for Roper ranges built before 1990.

LIT4348617                      Job Aid

\$5.00

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### BUILT-IN OVENS PRODUCED AFTER 1995 (–0 THROUGH –5 MODELS)

#### **KAC-19**

This Job Aid provides specific information on installation, service and repair, including the most recent information on design, features, troubleshooting, service and repair procedures. **(For the experienced technician.)**

LIT4322092                      Job Aid

\$5.00

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## **36" GLASS SEALED-BURNER GAS COOKTOP - MODEL KGCT366E KAC-20**

This Job Aid provides specific information on installation, service and repair, including the most recent information on design, features, troubleshooting, service and repair procedures. (For the experienced technician.)

LIT4317225                      Job Aid  
\$5.00

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## **KITCHENAID FAILURE CODES & WIRING DIAGRAMS KAC-22**

This Job Aid is a complete listing of KitchenAid Failure Codes and Wiring Diagrams for Freestanding and Slide-In Ranges and Built-In Ovens built between 1992 and 1999. It contains useful part numbers for Tech Sheets, and Touch Panel Controls and other helpful information to assist the technician.

LIT4317266                      Job Aid  
\$5.00

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## **KITCHENAID ELECTRONIC TOUCH CONTROL CERAMIC COOKTOP KAC-23**

This Job Aid provides the technician with information on the installation and service of the KitchenAid Electronic Cooktop. Newly introduced in 1999, this cooktop features a smooth ceramic glass top and eliminates the use of traditional infinite switches. It is a Job Aid and Service Manual that can be used in conjunction with the Use And Care Guide, Installation Instructions and Tech Sheet to provide up to date service information.

LIT4322555                      Job Aid  
\$5.00

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## **KITCHENAID BUILT-IN DOUBLE OVENS (-6 THROUGH -12 MODELS) BUILT AFTER 1996 KAC-26**

This Job Aid provides the technician with information about the 24, 27 and 30 inch Double Built-In ovens. The design of this oven was changed in 1996 and the new design started with the -6 version. The Job Aid discusses product operation and access for service. Error Codes, Strip circuits and Logic Charts provide valuable information during troubleshooting.

LIT4317327                      Job Aid  
\$5.00

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## **KITCHENAID PROFESSIONAL SERIES GAS COOKTOP KAC-27**

This Job Aid introduces the technician to the new "Professional series" cooking products (gas cooktop). These "Pro Series" products are different in design and component accessibility than conventional KitchenAid cooktops. This Job Aid covers installation, component access and troubleshooting tips.

LIT4317318                      Job Aid  
\$5.00

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## **KITCHENAID SINGLE BUILT-IN OVEN (-6 THROUGH -12 MODELS) BUILT AFTER 1996 KAC-28**

This Job Aid provides the technician with information about the 24, 27 and 30 inch Single Built-In ovens. The design of this oven was changed in 1996 and the new design started with the -6 version. The Job Aid discusses product operation and access for service. Error Codes, Strip circuits and Logic Charts provide valuable information during troubleshooting.

LIT 4317323                      Job Aid  
\$5.00

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## **KITCHENAID PROFESSIONAL SERIES DUAL FUEL RANGE KAC29**

This Job Aid introduces the technician to the new "Professional series" cooking products (dual fuel range-electric oven and gas cooktop). These "Pro Series" products are different in design and component accessibility than conventional KitchenAid cooktops and ovens. This Job Aid covers installation, component access and troubleshooting tips.

LIT4317282                      Job Aid  
\$5.00

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## **KITCHENAID PROFESSIONAL SERIES ISLAND AND CANOPY RANGE HOODS KAC-30**

This Job Aid introduces technicians to the newly designed 36 and 48 inch range hoods. These hoods are heavy duty versions that complement the rest of the "Professional Series" products. Installation, component access and troubleshooting tips are discussed.

LIT4317332                      Job Aid  
\$5.00

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# KITCHEN PRODUCTS

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## **KITCHENAID PROFESSIONAL SERIES GAS COOKTOP WITH GRILLE KAC-31**

This Job Aid introduces the technician to the new "Professional series" cooking products (gas cooktop with grille). These 'Pro Series' products are different in design and component accessibility than conventional KitchenAid cooktops. This Job Aid covers installation, component access and troubleshooting tips.

LIT4317289                      Job Aid  
\$5.00

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## **KITCHENAID OUTDOOR GAS GRILL KAC-32**

This job aid provides information on the operation and service of the Outdoor Gas Cooking Grill. Product Specifications, Installation Instructions, Gas Conversion and Component access are discussed in detail.

LIT4317333                      Job Aid  
\$5.00

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## **KITCHENAID OUTDOOR BAR CART KAC-33**

This job aid provides information on product operation, component access and general Technician Tips. It also introduces the Outdoor serving cart.

LIT4317344                      Job Aid  
\$5.00

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## **KITCHENAID SELF-CLEANING SLIDE-IN ELECTRIC RANGE (KECS300H, KECS307H, KESH307H) KAC-34**

This job aid provides information about the installation, operation service and Testing of components use in the Electric Slide-In Range. Error Codes and Wiring Diagrams are included.

LIT4317335                      Job Aid  
\$5.00

## **KITCHENAID SELF-CLEANING SLIDE-IN ELECTRIC RANGE (KGST300, KGST307, KGRT600, KGRT607) KAC-35**

This job aid provides information about the installation, operation service and Testing of components use in the Gas Slide-In Range. Error Codes, Wiring Diagrams and information for programming replacement electronic control boards are included.

LIT4317337                      Job Aid  
\$5.00

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## **KITCHENAID OVER-THE-COUNTER MICROWAVE OVEN (KOMS155M) KAC-36**

This job aid provides the experienced technician the latest service information for the Newest Over-the-Counter Microwave oven. Highlights include service access and component testing.

LIT4317340                      Job Aid  
\$5.00

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## **KITCHENAID ELECTRONIC TAP TOUCH CERAMIC COOKTOP (KECC508MBL, KECC568MBL) KAC-37**

This job aid provides service information for the new electronic smooth top ceramic glass cooktop. Installation information, Theory of Operation, component access and interpreting error codes.

LIT4317347                      Job Aid  
\$5.00

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## **KITCHENAID 48" DUAL FUEL SLIDE-IN RANGE (KDRP487MSS) KAC-38**

This job aid provides information on the installation, operation, and service of the 48" Dual Fuel range. Component access and testing as well as Failure codes, Wiring Diagrams and strip circuits are discussed.

LIT4317355                      Job Aid  
\$5.00

## COOKING PRODUCTS

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### **KITCHENAID OVER-THE RANGE MICROWAVE OVEN (KHMS175M) KAC-39**

This job aid provides the experienced technician the latest service information for the Newest Over-the-Range Microwave oven. Highlights include service access and component testing.

LIT4317354                      Job Aid  
\$5.00

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### **KITCHENAID PRO-LINE GAS COOKTOP WITH A 18000 BTU TRIPLE TIER BURNER KAC-40**

This job aid discusses the serving, component access and newest features of the 36" Pro-Line Gas cooktop. A complete breakdown of the newest Triple Tier burner is covered in detail.

LIT4317358                      Job Aid  
\$5.00

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### **GAS SELF-CLEANING DOWN DRAFT RANGE — MODEL SS373PEX KR-16**

This Job Aid provides the experienced technician with information on the installation, operation, testing, diagnosis and servicing of the 30" Gas Self-Cleaning Downdraft Range.

LIT4314529                      Job Aid  
\$5.00  
LIT4314541V                      VHS Video Tape  
\$14.95

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### **DROP-IN RANGES MODELS RS610PXE, RS675PXE & RE696PXE KR-22**

This Job Aid provides specific information on installation, service and repair, including the most recent information on design, features, troubleshooting, service and repair procedures. (For the experienced technician.)

LIT4322212                      Job Aid  
\$5.00

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### **WHIRLPOOL AND KITCHENAID GAS COOKTOPS KR-23**

This Job Aid provides the technician with information on the installation and service of the 1999 KitchenAid

and Whirlpool Gas Sealed-Burner Cooktops (starting production year 1998). It is a Job Aid and Service Manual that can be used in conjunction with the Use And Care Guide, Installation Instructions and Tech Sheet to provide up to date service information.

LIT4317256                      Job Aid  
\$5.00

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### **WHIRLPOOL SELF-CLEANING SLIDE-IN GAS RANGES KR-24**

This Job Aid provides the technician with information on the installation and service of the 1999 Whirlpool Gas Self-Cleaning Slide-In Ranges (starting production year 1998). It is a Job Aid and Service Manual that can be used in conjunction with the Use And Care Guide, Installation Instructions and Tech Sheet to provide up to date service information.

LIT4322500                      Job Aid  
\$5.00

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### **WHIRLPOOL SELF-CLEANING SLIDE-IN ELECTRIC RANGES KR-25**

This Job Aid provides the technician with information on the installation and service of the 1999 Whirlpool Electric Self-Cleaning Slide-In Ranges (starting production year 1998). It is a Job Aid and Service Manual that can be used in conjunction with the Use And Care Guide, Installation Instructions and Tech Sheet to provide up to date service information.

LIT4322525                      Job Aid  
\$5.00

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### **WHIRLPOOL AND KITCHENAID ELECTRIC COOKTOPS KR-26**

This Job Aid provides the technician with information on the installation and service of the 1999 KitchenAid and Whirlpool Electric Coil and Ceramic Burner Cooktops (starting production year 1998). It is a Job Aid and Service Manual that can be used in conjunction with the Use And Care Guide, Installation Instructions and Tech Sheet to provide up to date service information.

LIT4317269                      Job Aid  
\$5.00

# KITCHEN PRODUCTS

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## **GAS RANGE DIRECT SPARK IGNITION SYSTEM**

### **KR-28**

This Job Aid provides the experienced technician with service information about the new "Direct Spark Ignition System" for Whirlpool Gas Ranges. It provides information about the new gas regulator and electronic control board used to operate the ignition system of the future.

LIT8177893                      Job Aid  
\$5.00

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## **GAS NON SELF-CLEANING FREESTANDING RANGES (BUILT AFTER 1999)**

### **KR-29**

This Job Aid provides information about servicing standard cleaning gas ranges. The newly designed range provides easier access to components and covers standing pilot and spark ignition systems. Roper ranges are also included.

LIT8177945                      Job Aid  
\$5.00

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## **WHIRLPOOL ELECTRIC BUILT-IN DOUBLE OVENS (-6 THROUGH -12 MODELS) BUILT AFTER 1996**

### **KR-30**

This Job Aid provides the technician with information about the 24, 27 and 30 inch Double Built-In ovens. The design of this oven was changed in 1996 and the new design started with the -6 version. The Job Aid discusses product operation and access for service. Error Codes, Strip circuits and Logic Charts provide valuable information during troubleshooting.

LIT8178007                      Job Aid  
\$5.00

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## **WHIRLPOOL ELECTRIC FREESTANDING SELF-CLEANING RANGES (BUILT AFTER 2000)**

### **KR-31**

This Job Aid provides the Whirlpool technician with information about the newest Freestanding Electric range with Accusimmer, AccuBake Duo, Soft Close Door and the new Warming Drawer. It discusses the advantages of each of these new features and provides valuable troubleshooting information.

LIT8178042                      Job Aid  
\$5.00

## **WHIRLPOOL GAS FREESTANDING SELF-CLEANING RANGES**

### **(BUILT AFTER 2000)**

### **KR-32**

This Job Aid provides the Whirlpool technician with information about the newest Freestanding Gas range with Accusimmer, AccuBake Duo, Soft Close Door, the new Warming Drawer and the Power Burner feature. It discusses the advantages of each of these new features and provides valuable troubleshooting information.

LIT8178025                      Job Aid  
\$5.00

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## **WHIRLPOOL POLARA REFRIGERATED RANGE (GR556LRK)**

### **KR-33**

This job aid provides service information on the unique Whirlpool Refrigerator Range. Keep the oven cool during the day and cook dinner at night. Information about the installation, Theory of Operation and component service is discussed. There is also detailed information about the refrigeration operation and service.

LIT8178194                      Job Aid  
\$5.00

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## **FAILURE CODES & WIRING DIAGRAMS FOR WHIRLPOOL, ROPER AND ESTATE FREESTANDING GAS AND ELECTRIC RANGES**

### **KR-34**

This job aid covers the electronic controls used on all Whirlpool ranges built since 1996. Detailed information about the electronic controls used on freestanding ranges and how to diagnosis all service concerns. Conversion charts and a complete list of all wiring diagrams and error codes used with ranges of the past and present.

LIT8178360                      Job Aid  
\$5.00

## MICROWAVES

### KITCHENAID MICROHOOD COMBINATION KAC-21

This Job Aid provides the technician with information on the installation and service of the KitchenAid microwave oven and exhaust hood combination. It is a Job Aid and Service Manual that can be used in conjunction with the Use And Care Guide, Installation Instructions and Tech Sheet to provide up to date service information.

LIT4317265                      Job Aid  
\$5.00

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### KITCHENAID BUILT-IN MICROWAVE OVEN (MODELS KBMC140H & KBMC147H) KAC-24

The Job Aid provides information about the new KitchenAid Built-in microwave with the "speed cook" feature. The two models described are a 30" and 27" version. The Job Aid discusses the theory of operation, the advantages of the system and the access and diagnosis of the products.

LIT4317283                      Job Aid  
\$5.00

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### KITCHENAID BUILT-IN MICROWAVE COMBINATION OVEN (-6 THROUGH -12 MODELS) BUILT AFTER 1996 KAC-25

This Job Aid provides the technician with information about the 24, 27 and 30 inch Built-In Microwave Combination ovens. The design of this oven was changed in 1996 and the new design started with the -6 version. The Job Aid discusses product operation and access for service. Error Codes, Strip circuits and Logic Charts provide valuable information during troubleshooting.

LIT4317316                      Job Aid  
\$5.00

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### MICROWAVE FUNDAMENTALS KM-23

This Job Aid provides an introduction to the fundamentals of microwave and convection cooking. Some knowledge of electrical and electronic circuit theory will be helpful in using this program.

LIT4321501                      Job Aid  
\$5.00  
LIT4321502V                      VHS Video Tape  
\$14.95

### O.T.R. MICROWAVE/CONVECTION OVEN —MODELS BUILT BETWEEN 1994 & 1997 KM-24

This Job Aid provides the experienced technician with information on the operation and servicing of Whirlpool Over-The-Range Microwave/Convection Ovens.

LIT4321693                      Job Aid  
\$5.00

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### 1998 MICROHOOD COMBINATION (MHC) KM-25

This Job Aid provides the experienced technician with the information on the operation and servicing of the Whirlpool MicroHood Combination Oven (MHC).

LIT4322462                      Job Aid  
\$5.00

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### MICROWAVE CONVECTION OVEN (MODEL GM8155XJQ0) KM-26

This Job Aid introduces the experienced technician to the latest Microwave Convection Oven, specifically model GM8155XJ-0. It provides the most recent information on design, troubleshooting and service procedures.

LIT8177972                      Job-Aid  
\$5.00

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### EASY ACCESS MICROHOOD COMBINATION OVEN (Models MH6140XK & MH6141XK) KM-27

This Job Aid provides the Whirlpool technician with information on the operation and service of the "East Access Oven". It provides valuable access of component information, as this oven is different then conventional Microhood Combination Ovens.

LIT8178053                      Job-Aid  
\$5.00

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### WHIRLPOOL OVER-THE-RANGE MICROWAVE OVEN WITH GRILL FEATURE (GH9185XL & MH9180XL0) KM-28

This job aid provides the experienced technician the latest service information for the Newest Over-the-Range Microwave oven with grilling features. Highlights include service access and component testing for the newest microwave INVERTER electronic control technology. A must for all microwave technicians.

LIT8178229                      Job-Aid  
\$5.00

# REFRIGERATION PRODUCTS

## GENERAL

### REFRIGERANT RECOVERY PROCESS

#### R-72

This instruction sheet is intended to provide service companies with information and procedures on how to use Whirlpool recovery technology to capture and store refrigerant. **(For all certified sealed system technicians.)** Also included with the Ozone Saver Recovery Bags.

LIT4378421L                      Instruction Sheet  
\$ .75

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### SWEEP CHARGE PROCEDURES FOR THE 90S

#### R-77

This program explains the sealed system repair procedure required for all in-warranty sealed system repairs. It is an updated program and replaces all previous Sweep Charge programs. This program is the third in the series of Basic Refrigeration programs. The program has been revised to incorporate the use of R134a and temporary access valves. It is recommended that this workbook be used in conjunction with the corresponding Video Tape, Part #4321718. The 3"x5" plastic cards list step-by-step instructions for sweep charge sealed system charging procedures. **USE ON ALL SYSTEMS.**

LIT4321717 Rev. A              Job Aid  
\$5.00  
LIT4321718V                      VHS Video Tape  
\$14.95  
LIT4321640 Rev. A              Sweep Charge Cards  
\$2.00

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### REVISED TECHNIQUES OF BRAZING

#### R-79

This program reviews the equipment, safety procedures, and brazing techniques necessary to successfully perform sealed system repairs. This program is the **SECOND** in the Basics of Refrigeration series and a prerequisite to the Sweep Charge program. It is recommended that this workbook be used in conjunction with the corresponding Video Tape, Part #4321798. **(For new and experienced technicians).**

LIT4321799                      Job Aid  
\$5.00  
LIT4321798V                      VHS Video Tape  
\$14.95  
LIT4314736                      Exercise Kit  
\$12.75

### REPAIRING AND REPLACING EVAPORATORS

#### R-83

This program presents new field procedures for repairing and replacing evaporators in side-by-side, top-mount and bottom-mount refrigerator/freezers. The Job Aid is most effective when used in conjunction with the Video Tape, Part #4321962.

LIT4321963                      Job Aid  
\$5.00  
LIT4321962V                      VHS Video Tape  
\$14.95

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### BRAZING SEALED SYSTEM COMPONENTS WITH OXY-ACETYLENE TORCHES

#### R-85

This program provides specific information for using the Quickfire™ Torch by Smith Equipment, including Whirlpool-recommended, and approved, torch tips for use on sealed refrigeration systems. This program is most effective when used in conjunction with the companion Video Tape, Part Number 4322983. (For both new and experienced technicians.)

LIT4322984                      Job Aid  
\$5.00  
LIT4322083V                      VHS Video Tape  
\$14.95

## REFRIGERATOR/FREEZERS

### APARTMENT MAINTENANCE

#### AM-4

This Job Aid covers all models of top-mount refrigerator/freezers and covers simple maintenance procedures which could be performed by technically qualified building maintenance personnel. How to change thermostat, level product, change evaporator fan, etc. **(For building maintenance personnel.)**

LIT4322309 Rev. A      Job Aid  
\$5.00

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### INTERIOR AND EXTERIOR MOISTURE

#### KAR-1

This program explains the causes for interior and exterior moisture accumulation on refrigeration products. It also explains how to recognize if moisture accumulation is normal or abnormal and whether a repair will or will not correct the moisture problem.

LIT4177878              Job Aid  
\$5.00

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### 36" BUILT-IN REFRIGERATORS BUILT PRIOR TO 1992

#### KAR-4

This Job Aid is designed to support the introduction of the built-in refrigerator and provides a self-training opportunity for use by technicians as a supplement reference guide. An in-depth tech sheet is supplied with the product and will provide the answers to most repair questions. **(For updated information, see KAR-7)**

LIT4177910              Job Aid  
\$5.00

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### BUILT-IN SIDE-BY-SIDE REFRIGERATOR/FREEZER BUILT AFTER 1992

#### KAR-7

This program provides specific information for the installation, service and repair of the KitchenAid Model D Built-In Side-By-Side Refrigerator/Freezer. This program is most effective when used in conjunction with the Video Tape of the same title, Part No. LIT4317210. **(For both new and experienced technicians.)**

LIT4317211              Job Aid  
\$5.00  
LIT4317210V            VHS Video Tape  
\$14.95

### 1998 "G" MODEL 25 CU. FT. TOP-MOUNT REFRIGERATOR/FREEZERS

#### KAR-8

This Job Aid provides specific information on installation, service and repair, including the most recent information on design, features, troubleshooting, service and repair procedures. **(For both new and experienced technicians.)**

LIT4322312              Job Aid  
\$5.00

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### KITCHENAID BUILT-IN REFRIGERATOR/FREEZER HIGH-SIDE INSTALLATION INSTRUCTIONS FOR UNITS BUILT PRIOR TO 1994

#### KAR-9

This video tape provides step-by-step instructions for replacing rotary compressors and high-side components on KitchenAid built-in refrigerator/freezers

LIT4317151V            VHS Video Tape  
\$14.95

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### SIDE-BY-SIDE REFRIGERATOR ELECTRONIC CONTROLS

#### KAR-10

This Job Aid provides specific information on the theory, component access and diagnosis of KitchenAid side-by-side refrigerators with electronic controls. Introductory models KSRA22FK AND KSRA25FK.

LIT4317324              Job Aid  
\$5.00

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### 2001 K MODEL BUILT-IN SIDE-BY-SIDE REFRIGERATOR WITH VARIABLE CAPACITY COMPRESSOR

#### KAR-11

This Job Aid provides specific information on the theory, component access and diagnosis of KitchenAid built-in refrigerators with variable capacity compressors. This program is most effective when used in conjunction with Video Tape # 4317293 or CD # 8178134.

LIT4317326              Job Aid  
\$5.00  
LIT4317293V            VHS Video Tape  
\$14.95

# REFRIGERATION PRODUCTS

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## 2001 K MODEL COUNTER DEPTH SIDE-BY-SIDE REFRIGERATOR WITH VARIABLE CAPACITY COMPRESSOR **KAR-12**

This Job Aid provides specific information on the theory, component access and diagnosis of KitchenAid counter depth refrigerators with variable capacity compressors. This program is most effective when used in conjunction with Video Tape # 4317292 or CD # 8178134.

LIT4317290	Job Aid
\$5.00	
LIT4317292V	VHS Video Tape
\$14.95	

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## KITCHENAID OUTDOOR AUTOMATIC ICE MAKER (KUIO15NNLS) **KAR-13**

This job aid provides specific information on the theory, component access and diagnosis of the KitchenAid stainless steel, outdoor automatic ice maker.

LIT4317309	Job Aid
\$5.00	

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## KITCHENAID 2003 M MODEL BUILT-IN REFRIGERATOR WITH VARIABLE CAPACITY COMPRESSOR **KAR-15**

This job aid provides specific information on the theory, component access and diagnosis of the KitchenAid M-line built-in refrigerators. Included are wiring diagrams, strip circuits, troubleshooting charts and sealed system tubing joint location diagrams.

LIT4317344	Job Aid
\$5.00	

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## ELECTRA III REFRIGERATOR **R-63**

The objective of this Job Aid is to have the technician become familiar with the electronics, built-in diagnostics and service procedures. **(For experienced and advanced technicians.)**

LIT787815	Job Aid
\$5.00	

## BASIC REFRIGERATION DIAGNOSIS **R-65**

This program provides sealed system fundamentals, as well as an in-depth look into sealed system diagnosis. It is the FIRST in a series of refrigeration basics programs. The program is intended for use by the experienced technician, or office personnel who wish to have an understanding of how a refrigerator works. It is recommended that this workbook be used in conjunction with the corresponding Video Tape, Part #4314079.

LIT4314066 Rev. B	Job Aid
\$5.00	
LIT4314079V	VHS Video Tape
\$14.95	

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## COMPRESSOR REPLACEMENT PROCEDURES - 18 & 20 CU. FT. TOP-MOUNT REFRIGERATOR/FREEZERS **R-78**

This program provides step-by-step instruction for replacing horizontal rotary compressors on top-mount 18 and 20 cu. ft. refrigerator/freezers. This program is most effective when used in conjunction with the Video Tape, Part #4321759.

LIT4321758	Job Aid
\$5.00	
LIT4321759V	VHS Video Tape
\$14.95	

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## ENERGY EFFICIENT TEMPERATURE REGULATING AND DEFROST CONTROL SYSTEMS **R-80**

This program provides detailed information on the theory and servicing of Automatic Defrost Control and Independent Temperature Control on various models of Whirlpool-built refrigerator/freezers. This program is most effective when used in conjunction with the Video Tape, Part #4321878

LIT4321863	Job Aid
\$5.00	
LIT4321878V	Video Tape
\$14.95	

# REFRIGERATION PRODUCTS

## TOP-MOUNT REFRIGERATOR/ FREEZERS BUILT AFTER 1994 (16-22 CU. FT. ) FEATURES AND SERVICING POINTS **R-82**

This Video Tape takes a look at the new Mid-Line Refrigerator/Freezer line and focuses on new design features and specific servicing procedures.

LIT4321921V                      VHS Video Tape  
\$14.95

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## 26" DEEP SXS REFRIGERATOR/ FREEZERS **R-84**

This program provides complete servicing procedures for a new refrigerator/freezer that is available as both a built-in and free-standing unit. Special attention is given to component access and unique design features. The Job Aid is most effective when used in conjunction with the Video Tape, Part #4321970V.

LIT4321940                      Job Aid  
\$5.00

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## 1997 "F" MODEL 22 CU. FT. BOTTOM-MOUNT REFRIGERATOR/FREEZERS **R-86**

This Job Aid provides specific information on the installation, service and repair, including the most recent information on design, features, troubleshooting, service and repair procedures. **(For both new and experienced technicians.)**

LIT4322228                      Job Aid  
\$5.00

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## WATER FILTER SYSTEM FOR SIDE-BY-SIDE REFRIGERATOR/ FREEZERS **R-89**

This Job Aid provides the technician with specific information on the operation and servicing of the new Water Filter System installed in some models of Whirlpool built side-by-side refrigerator/freezers.

LIT4322459                      Job Aid  
\$5.00

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## WHIRLPOOL NO FROST REFRIGERATOR **R-90**

This Job Aid provides specific information on the installation, service and repair, including the most recent

information on design, features, troubleshooting, service and repair procedures. **(For both new and experienced Technicians).**

LIT4322556                      Job Aid  
\$5.00

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## IN DOOR ICE (IDI) **R-92**

This job aid provides the Technician with specific information on the operation, diagnostic, and servicing of the new In Door Ice system.

LIT4322658                      Job Aid  
\$5.00

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## 2001 K MODEL COUNTER DEPTH SIDE- BY-SIDE REFRIGERATOR WITH VARIABLE CAPACITY COMPRESSOR **R-95**

This Job Aid provides specific information on the theory, component access and diagnosis of Whirlpool counter depth refrigerators with variable capacity compressors. This program is most effective when used in conjunction with Video Tape #4317292 or CD #8178134.

LIT8178066                      Job Aid  
\$5.00  
LIT4317292V                      VHS Video Tape  
\$14.95  
LIT8178134CD                      CD Rom  
\$14.95

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## GLADIATOR GARAGE WORKS™ FREEZERATOR™ (GAFZ21XXMK) **R-98**

This job aid provides specific information on the theory, component access and diagnosis of the Gladiator Garage Works™ Freezerator™.

LIT8178384                      Job Aid  
\$5.00

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## PACKAGED TERMINAL AIR CONDITIONER **R-99**

This job aid provides specific information on the theory, component access and diagnosis of Whirlpool, Hotel/Motel style air conditioners. These air conditioners are 42" wide by 16" high and are commonly referred to as PTACs.

LIT8178315                      Job Aid  
\$5.00

# REFRIGERATION PRODUCTS

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## COMPACT ICE MAKERS

### MODULAR ICE MAKER/CRUSHED ICE DISPENSER

#### R-66

Covers diagnosis and repair of the completely revised compact ice maker and the new crushed ice dispenser. Shows how to access and replace components and what pitfalls to avoid.

LIT4316835                      Job Aid  
\$5.00

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### MODULAR ICE-MAKER SERVICE

#### R-81

This Video Tape provides step-by-step instructions for the complete diagnosis and servicing of the Compact Modular Ice-Maker.

LIT4321898V                      VHS Video Tape  
\$14.95

## UNDERCOUNTER ICE MAKERS

### AUTOMATIC UNDERCOUNTER ICE MAKER

#### R-70

Deals with a complete discussion of the product operation, disassembly and diagnosis. Such things as how an ice slab is formed, how the cutter grid works, the operation of the controls, disassembly of all components, and a thorough discussion of wiring diagrams on early models, as well as current production, is covered. A section dealing with customer complaints covers many commonly experienced problems with the ice maker and what corrective steps should be taken to correct those problems **(For both new and experienced technician.)**

LIT4314630 Rev. A                      Job Aid  
\$5.00

LIT4314629V                      VHS Video Tape  
\$14.95

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### 15" AUTOMATIC ICE MAKER (GI5100XH)

#### R-97

This job aid provides specific information on the theory, component access and diagnosis of the Whirlpool undercounter ice maker with electronic control. Included are cycle charts, wiring diagrams and strip circuits.

LIT8178313                      Job Aid  
\$5.00

LIT4322584V                      VHS Video Tape  
\$14.95

### KITCHENAID 15" & 18" AUTOMATIC ICE MAKER

#### KAR-14

This job aid provides specific information on the theory, component access and diagnosis of the KitchenAid undercounter ice maker with electronic control. Included are cycle charts, wiring diagrams and strip circuits.

LIT4317339                      Job Aid  
\$5.00

## ROOM AIR CONDITIONERS

### ROOM AIR CONDITIONER DIAGNOSIS

#### R-48

Explains electrical diagnosis of wall- and window-mounted air conditioners, with some emphasis on recognizing possible compressor problems. **(For new and experienced technicians.)**

LIT677417                      Job Aid  
\$5.00

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### ROOM AIR CONDITIONER BASICS

#### R-73

Explains the mechanical and electrical function of the wall- and window-mounted air conditioners, heat pumps and resistance heating units. **(For new technicians.)**

LIT4321377                      Job Aid  
\$5.00

LIT4321425V                      VHS Video Tape  
\$14.95

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### SURROUND COOL ROOM AIR CONDITIONER

#### R-93

This job aid provides the Technician with the complete servicing procedures of the new "Surround Cool" room air conditioner.

LIT4322657                      Job Aid  
\$5.00

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### "P" MODEL AIR CONDITIONER

#### R-94

This Job Aid provides specific information on component access and testing of Whirlpool "P" model air conditioners, model ACD052PK, ACM062PK, ACQ052PK, and ACQ062PK.

LIT8178039                      Job Aid  
\$5.00

# REFRIGERATION PRODUCTS

## 2003, 5000 & 6000 BTU AIR CONDITIONERS (ACM052MM, ACM062MM, ACD052MM, ACQ058MM & ACQ062MM)

### R-96

This job aid provides specific information on the component access and diagnosis of Whirlpool 2003, 5000 & 6000 BTU window air conditioners.

LIT8178279                      Job Aid  
\$5.00

## DEHUMIDIFIERS

### 1998 DEHUMIDIFIERS "G" MODELS AND LATER

#### R-88

This Job Aid provides specific information on installation, service and repair, including the most recent information on design, features, troubleshooting, service and repair procedures. **(For both new and experienced technicians.)**

LIT4322310                      Job Aid  
\$5.00  
LIT4322311V                    VHS Video Tape  
\$14.95

## WINE CELLAR

### KUWS246 WINE CELLAR KAR-5

This Job Aid provides the technician with information on the operation, troubleshooting and diagnosis of the KitchenAid 60 bottle capacity undercounter wine cellar with glass door.

LIT4317201                      Job Aid  
\$5.00

## ADDITIONAL VIDEO TAPES

### INTERIOR & EXTERIOR MOISTURE

The objective of this video is to serve as a quick reference guide for solving problems related to interior and exterior moisture in or on refrigerators or freezers.

LIT677947V                      VHS Video Tape  
\$14.95

### 1997 REFRIGERATOR/FREEZER SERVICE POINTERS

This Video covers (1) Foamed In Place (FIP) refrigerator and freeze door gasket replacement procedure. (2) Servicing the though the door ice and water dispenser.

LIT4322153V                      VHS Video Tape  
\$14.95

### 2001 K MODEL BUILT-IN SIDE-BY-SIDE REFRIGERATOR WITH VARIABLE CAPACITY COMPRESSOR

LIT4317293V                      VHS Video Tape  
\$14.95

### 2001 K MODEL COUNTER DEPTH SIDE- BY-SIDE REFRIGERATOR WITH VARIABLE CAPACITY COMPRESSOR

LIT4317292V                      VHS Video Tape  
\$14.95

# SPECIALITY PRODUCTS

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## HOT WATER DISPENSER KP-1

This Job Aid will familiarize the technician with the operation, components, diagnosis and installation of the hot water dispenser.

LIT787882                      Job Aid  
\$5.00

## ADDITIONAL VIDEO TAPES FOR SPECIALITY PRODUCTS

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### INSTA-HOT WATER DISPENSER

This video will familiarize the technician with the operation, components, diagnosis and installation of this unit.

LIT4177775V                      VHS Video Tape  
\$14.95

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### KITCHENAID DISPOSAL SERVICE

This video covers maintenance procedures which typically are performed by technically qualified building maintenance personnel. How to install, diagnose and repair are covered.

LIT4177568V                      VHS Video Tape  
\$14.95

# Service Update Books

The following service update information is provided to keep service technicians advised of the most recent improvements and product changes for Whirlpool, KitchenAid and Roper.

## **UD-16 Second Half 1999 (LIT4322614)**

### **Cooking:**

- ◆ KHMS147HWH Microhood Combination introduction
- ◆ KitchenAid Built-In electronic Touch Control Ceramic Cooktops Models KECC508G & KECC568G
- ◆ KitchenAid Professional Series Warming Drawer Models KEWD105H & KEWD175H
- ◆ Kitchen Aid Professional Series Built-In Microwave Models KBMC140H & KBMC147H

### **Refrigeration:**

- ◆ New Combination Overload & Relay
- ◆ New Single Control For Roper Refrigerators
- ◆ CD2000 Refrigerator/Freezer introduction
- ◆ Whirlpool & KitchenAid "Condor" Contour Door
- ◆ 36" KitchenAid Built-In Bottom-Mount Refrigerator/Freezer Introduction
- ◆ Service Pointer Index for the second half of 1999

## **UD-17 First Half 2000 (LIT4322654)**

### **Refrigeration:**

- ◆ New Ice Bucket Auger Assembly
- ◆ Heater Kit for Stainless Steel Side by Side Doors
- ◆ The new Panasonic Condenser Fan Motor
- ◆ Contour Top Mount Door Reversal Procedure
- ◆ Panasonic Refrigerator Condenser Fan Motor
- ◆ Basement Dehumidifier
- ◆ Air Purifier Units
- ◆ SxS Stainless Steel Freezer Door Heater
- ◆ New Refrigerant Recovery System
- ◆ Interior Water Filter System
- ◆ High Side Kit Installation Process
- ◆ Troubleshooting Chart for the 15" Ice Maker
- ◆ Cooking Products Update
- ◆ Laundry Products Update
- ◆ Service Pointer Summary Index

## **UD-19 First Half 2001 (LIT8178023)**

### **Laundry:**

- ◆ Calypso-Match Dryer Model GE/GW9200K
- ◆ Long Vent Dryer LE/GV4634J

### **Refrigeration:**

- ◆ Whirlpool 2001 ACQ Model Electronic Control Air Conditioners
- ◆ Whirlpool 2001 Electronic Control Dehumidifiers, AD40, 50, 60, & 65LBK
- ◆ Whirlpool In-Door-Ice Refrigerator Revised Diagnostics

- ◆ Remanufactured Product Warranty

### **Compactors:**

- ◆ Gear Adjustment When Replacing The Motor/Gear
- ◆ Service Pointer Summary Index

## **UD-20 Second Half 2001 (LIT8178080)**

### **Cooking:**

- ◆ Whirlpool K-Line Freestanding Gas & Electric Gold Series Ranges

### **Laundry:**

- ◆ Direct Drive Washer Filter Plugs
- ◆ 1-Piece Drain Hose

### **Dishwashers:**

- ◆ Models: KUD01, GU1200, GU1500 Troubleshooting Guide

### **Refrigeration:**

- ◆ Contour Door Handles Breaking—Repair Procedure
- ◆ KitchenAid Built-In Refrigerator Updates
- ◆ Ice Ball Under Open Top Ice Maker Fill Tube
- ◆ New Whirlpool Refrigerator Model Number Designations
- ◆ Service Pointer Summary Index

## **UD-21 First Half 2002 (LIT8178159)**

### **Cooking:**

- ◆ Whirlpool and KitchenAid 27" & 30" Built-In Oven — door latch melting
- ◆ Whirlpool and KitchenAid 27" & 30" Built-In Oven — open thermo-dics
- ◆ Whirlpool Built-In ovens - 6 through - 12 models — unit will not operate after self clean
- ◆ Calypso Washer Update
- ◆ Dryer Vent Tester

### **Dishwashers:**

- ◆ Whirlpool Tall Tub Dishwasher Tub seal

### **Refrigeration:**

- ◆ KitchenAid Built-In Refrigerator Updates
- ◆ In-Door-Ice diagnostic changes
- ◆ 50# ice maker bin thermistor change

(continued)

## **UD-22 Second Half 2002 (LIT8178231)**

### **Laundry:**

- ◆ Whirlpool Duet Washer Oil-Canning kit
- ◆ Whirlpool Duet Washer/Dryer Revised Stack kit

### **Dishwashers:**

- ◆ Whirlpool and KitchenAid Tall Tub Dishwasher not draining

### **Cooking:**

- ◆ KitchenAid Gas & Electric Freestanding and Slide-In Ranges with "F1 E3" error code after service
- ◆ KitchenAid Gas Ranges IML20 - IMM04 — "F7E0" error code
- ◆ Countertop Microwave Oven built prior to code date FGM05 turning on by themselves

### **Refrigeration:**

- ◆ In-Door-Ice updates
- ◆ Dehumidifier rework model chart

## **UD-23 First Half 2003 (LIT8178304)**

### **Cooking:**

- ◆ Introduction of Whirlpool "g2" and KitchenAid Ultima Cook Speed Ovens
- ◆ High Voltage Inverter Power Supply Test
- ◆ Polara Range Update
- ◆ Whirlpool & KitchenAid Microhood Combination Ovens (MHC) — Interference with telephones

### **Laundry:**

- ◆ Duet Washer & Dryer — New Colors and new model numbers
- ◆ Duet Washer Quality update

### **Dishwashers:**

- ◆ Whirlpool and KitchenAid Tall Tub Dishwasher Electronic control performance changes

### **Refrigeration:**

- ◆ Side Wise™ Control SxS refrigerator
- ◆ KitchenAid built-in bottom mount refrigerator freezer drawer shin kit
- ◆ In-Door-Ice ice maker assembly kit
- ◆ 65 pint dehumidifier vibration kit

## **UD-24 Second Half 2003 (LIT8178397)**

### **Cooking:**

- ◆ Introduction of KitchenAid Pro Line Cooking Products
- ◆ Mandatory UL Requirements for Cooking Products — Implemented 08/26/03
- ◆ "F7" error code on Microwave Oven built with Inverter Board technology

- ◆ 30" & 36" Dual Fuel Ranges — top burners snuffed out when the oven door is opened
- ◆ Outdoor Grills — L.P. and Natural gas conversion kits for high altitude areas

### **Laundry:**

- ◆ Direct drive washer — No agitation with lid opened

### **Refrigeration:**

- ◆ Top mount refrigerator freezer floor elimination
- ◆ SxS recessed mullion shim kit
- ◆ SxS interior moisture fixes
- ◆ Electronic dispenser
- ◆ KitchenAid freestanding bottom mount with water dispenser
- ◆ Dehumidifier updates

## **UD-25 First Half 2004 (LIT8178424)**

### **Laundry:**

- ◆ Electromechanical Catalyst washer introduction
- ◆ KitchenAid Ensemble washer and dryer introduction
- ◆ New Compact washer introduction
- ◆ 2004 Energy Guidelines changes
- ◆ Duet washer transport system change
- ◆ Duet dryer door reversal kit eliminated
- ◆ Skid idler eliminated

### **Dishwasher:**

- ◆ AccuSense Cycle Introduction

### **Cooking:**

- ◆ Roper Gas standard clean freestanding ranges — broiler drawer handles cracking
- ◆ 30" Whirlpool gas self-cleaning freestanding ranges with Direct Spark Ignition (DSI) — Code Data RK01 & RR07 - Oven shuts off during BAKE or after PREHEAT
- ◆ 30" Whirlpool gas self-cleaning freestanding ranges with Direct Spark Ignition (DSI) — Code Data RK01 & RR07 — "PF" error code appears all the time
- ◆ Whirlpool Microwave Combination Ovens GMC305PD-7 & GMC275PD-7 — "PF" error code appears or microwave fan continues to run for short time after door is opened
- ◆ KitchenAid, Whirlpool and Roper gas cooktops — Harper-Wyman valves being replaced with Mueller Manufacturing
- ◆ KitchenAid Outdoor Grills — New model line

### **Refrigeration:**

- ◆ Grille water filter tool
- ◆ 2004 counter depth refrigerator
- ◆ New low-side leak procedure with oil color chart
- ◆ Small mount air conditioner
- ◆ KitchenAid outdoor refrigerator

# Commerical Laundry Update Books

## **CLUD-1 First Half 2001 (LIT8178040)**

- ◆ Laundry Service Repair Kits
- ◆ Coinslide Adapter Plate and Coinbox cross-reference Chart
- ◆ 1999 -2000 Product Improvements
- ◆ Coinslide Guard Kit #279939—All CSP Stack Dryers
- ◆ EMS 2000 Electronic-Controlled Washers & Dryers
- ◆ SMART Card Does Not Operate Dryers Not Heating
- ◆ High-Limit Thermostat Test Procedure Washers Drain Hose Kinks
- ◆ Washer Lid Chipping
- ◆ EMS 1000 Washers Will Not Fill
- ◆ EMS 1000 Only High-Temperature Setting Operates
- ◆ EMS 1000 Cycle Does Not Complete
- ◆ EMS 1000 Keypad Does Not Accept Commands
- ◆ Whirlpool Commercial Laundry Parts Only Service Agreement
- ◆ Electronic Claims Processing
- ◆ The New NARDA Form
- ◆ The NARDA Procedure
- ◆ Commercial Laundry Top 100 Warranty Parts
- ◆ Product Damage Procedure

## **CLUD-2 Second Half 2003 (LIT8178139)**

- ◆ Hidden Lid Switch Online Teleconference Events
- ◆ New Design CSP Stack Dryer Collar
- ◆ Roper Commercial Laundry
- ◆ Commercial Laundry Accessories
- ◆ Bulk Parts Pricing List
- ◆ Dryer Venting System Tester
- ◆ GCAM2701 washers, GCEM, GCGM Dryers, Console Service, GCAM2701 Washer, Timer stuck in Spin
- ◆ EMS 1000 Models CAP2761KQ & CAP2762KQ, Keypad Does Not Accept Commands Commercial Laundry
- ◆ Top 100 Warranty Parts
- ◆ EMS Washers and Dryers, Electronic Control Rework Program

# Installation Video

The following information has been developed to assist installers or do-it-yourself persons with the proper installation and operational check out of Laundry, Cooking, Refrigeration, and Cleanup products.

## Videos (\$14.95 each)

Washers & Dryer . . . . .	Part Number 4321691V
Dishwasher . . . . .	Part Number 4322163V
Freestanding Range . . . . .	Part Number 4322164V
Refrigerator . . . . .	Part Number 4322151V
Ice Maker . . . . .	Part Number 4322152V
Tall Tub Dishwasher . . . . .	Part Number 4317280V

## Installation Highlight Reference Cards

**These cards include key installation and operational checklists.**

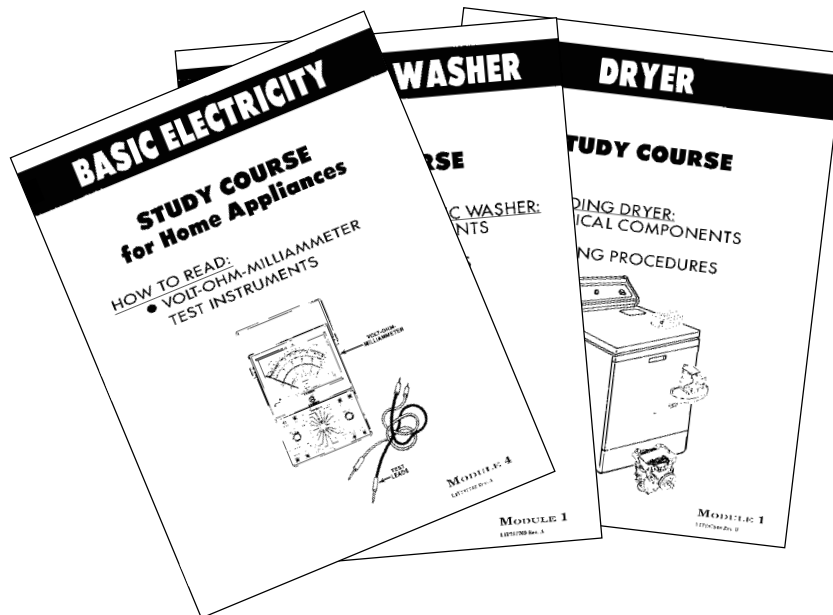
## Reference Cards (\$1.00 each)

Washer . . . . .	Part Number 4322325
Dryer . . . . .	Part Number 4322324
Dishwasher . . . . .	Part Number 4322323
Freestanding Range . . . . .	Part Number 4322321
Refrigerator . . . . .	Part Number 4322322
Ice Maker (has no card listed)	

**Use order form on page 46.**

# Home Study Courses

## Increase Your Knowledge



and your earning potential with

### Home Study Major Appliance Repair Training Courses

- Basic electricity for appliances - prerequisite
  - Automatic Washer (belt & direct drive)
  - Clothes Dryers (gas & electric)
    - Refrigeration
  - Dishwashers & Compactors
  - Ranges (gas & electric)

FOR MORE INFORMATION, CALL OR WRITE:



Home Study Dept.  
1900 Whirlpool Drive  
La Porte, Indiana 46350  
1-800-851-4605 or 219-325-2284  
Email: carolyn\_m\_smith@whirlpool.com

# HOME STUDY COURSES

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## BASIC ELECTRICITY FOR HOME APPLIANCES

Designed to train new individuals and serve as a refresher course for experienced technicians. This course explains and illustrates wiring diagrams and timer charts. The course also explains the differences between alternating and direct current. One module covers the drawing of symbols used on wiring diagrams. This program-instruction format is almost self-teaching. Knowledge of wiring diagrams provides an essential diagnostic "tool" in appliance repair. It's a MUST to make appliance repairs more efficient.

LIT4314165	Complete Course (in Binder with Test Book and Certificate)	\$50.00
LIT4314166	Course Modules Only	\$25.00
Module 1	Understanding Electrical Wiring, Alternating Current and Direct Current	
Module 2	How to Read Wiring Diagram Symbols, Terminal Codes and Wiring Diagrams	
Module 3	How to Read Timer Sequence Charts (Esterline) and Wiring Diagrams	
Module 4	How to Read Volt-Ohm Milliammeter Test Instruments	

## AUTOMATIC WASHER

This course covers automatic washer service procedures. Learn how each component part operates and functions as a part of the complete washing cycle. In addition, this course covers the testing of each electrical component part. Information in the USE & CARE GUIDE and INSTALLATION INSTRUCTIONS is also explained.

LIT4314169	Complete Course (in Binder with Test Book and Certificate)	\$50.00
LIT4314170	Course Modules Only	\$25.00
Module 1	Electrical Components and Checking Procedures	
Module 2	Water Systems	
Module 3	Belt Drive - Mechanical Components	
Module 4	Direct Drive - Mechanical Components	
Module 5	Use and Care Guide/Installation Instructions	

## CLOTHES DRYER

This course covers gas and electric clothes dryer service procedures. Learn how each component part operates and functions as a part of the complete drying cycle. Learn the proper way of dryer installation and operation found in the USE & CARE GUIDE and INSTALLATION INSTRUCTIONS. This course also covers how to test each electrical component part.

LIT4314167	Complete Course (in Binder with Test Book and Certificate)	\$50.00
LIT4314168	Course Modules Only	\$25.00
Module 1	Electrical Components and Checking Procedures	
Module 2	Heater Element/Gas Burner - Components and Checking Procedures	
Module 3	Mechanical Components	
Module 4	Use and Care Guides/Installation Instructions	

## RANGE (GAS AND ELECTRIC)

The operation of cooking appliances, their servicing and the diagnosis of problems are included in this program. Electric circuits and controls are described and illustrated. Gas burners, adjustments and controls are covered in the gas range section.

LIT4314423	Complete Course (in Binder with Test Book and Certificate)	\$50.00
LIT4314429	Course Modules Only	\$25.00
Module 1	Electrical Components and Checking Procedures	
Module 2	Gas Components and Flame Adjustment	
Module 3	Mechanical Components	
Module 4	Use and Care Guide/Installation Instructions	

# HOME STUDY COURSES

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## REFRIGERATION

This course covers the basic theory of refrigeration. Electrical operation and testing procedures are discussed. The techniques of brazing and the USE & CARE GUIDE are covered.

LIT4314330	Complete Course (in Binder with Test Book and Certificate)	\$50.00
LIT4314336	Course Modules Only	\$25.00
Module 1	Understanding the Refrigeration System	
Module 2	Electrical Components and Checking Procedures	
Module 3	Techniques of Brazing	
Module 4	Use and Care Guide/Installation Instructions	

## DISHWASHER AND COMPACTOR

The operation and service of dishwashers and compactors are covered in this course. Electrical operations and their functions of operation are included, along with information pertaining to the USE & CARE GUIDE and INSTALLATION INSTRUCTIONS.

LIT4314188	Complete Course (in Binder with Test Book and Certificate)	\$50.00
LIT4314205	Course Modules Only	\$25.00
Module 1	Dishwasher - Mechanical Components	
Module 2	Dishwasher - Electrical Components and Checking Procedures	
Module 3	Dishwasher - Use and Care Guide/Installation Instructions	
Module 4	Compactor - Mechanical Components	
Module 5	Compactor - Electrical Components and Checking Procedures	
Module 6	Compactor - Use and Care Guide/Installation Instructions	