

## Generic 31-17112

# Oven Range Stove Technical Mini Manual

Model: 31-17112 (JB255DJ3BB)

This document provides essential technical data, schematic, and wiring diagrams for service and repair.

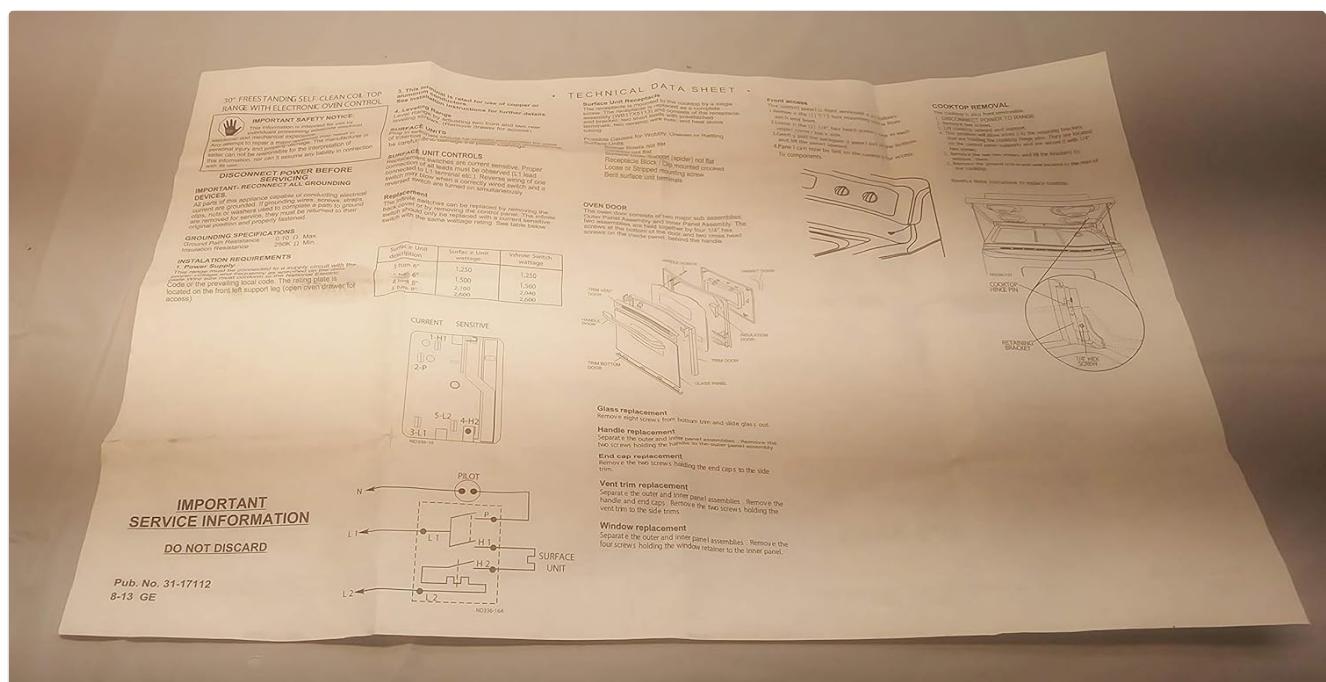


## 1. OVERVIEW OF THIS TECHNICAL DOCUMENT

This mini manual, identified as part number **31-17112**, is a genuine OEM technical data sheet designed for service and repair of specific oven, range, and stove models, including **JB255DJ3BB**. It contains critical information such as technical specifications, schematic diagrams, and wiring diagrams necessary for diagnostics and maintenance. Please note that this manual is a discontinued item by the manufacturer, making it a valuable resource for technicians working with older models.

## 2. TECHNICAL DATA SHEET AND IMPORTANT SERVICE INFORMATION

This section details various technical specifications and crucial service instructions. It includes safety notices, power disconnection procedures, installation requirements, and general technical data for the appliance.



**Figure 2.1:** First page of the technical manual. This page covers important safety notices, instructions to disconnect power before servicing, installation requirements, and a technical data sheet with current and sensitive component values. It also includes sections on oven door and cooktop removal, glass replacement, handle replacement, and window replacement procedures.

## 2.1. Important Safety Notice

Always disconnect power to the appliance before performing any service or maintenance. Failure to do so can result in serious injury or death. Refer to the manual for specific lockout/tagout procedures.

## 2.2. Installation Requirements

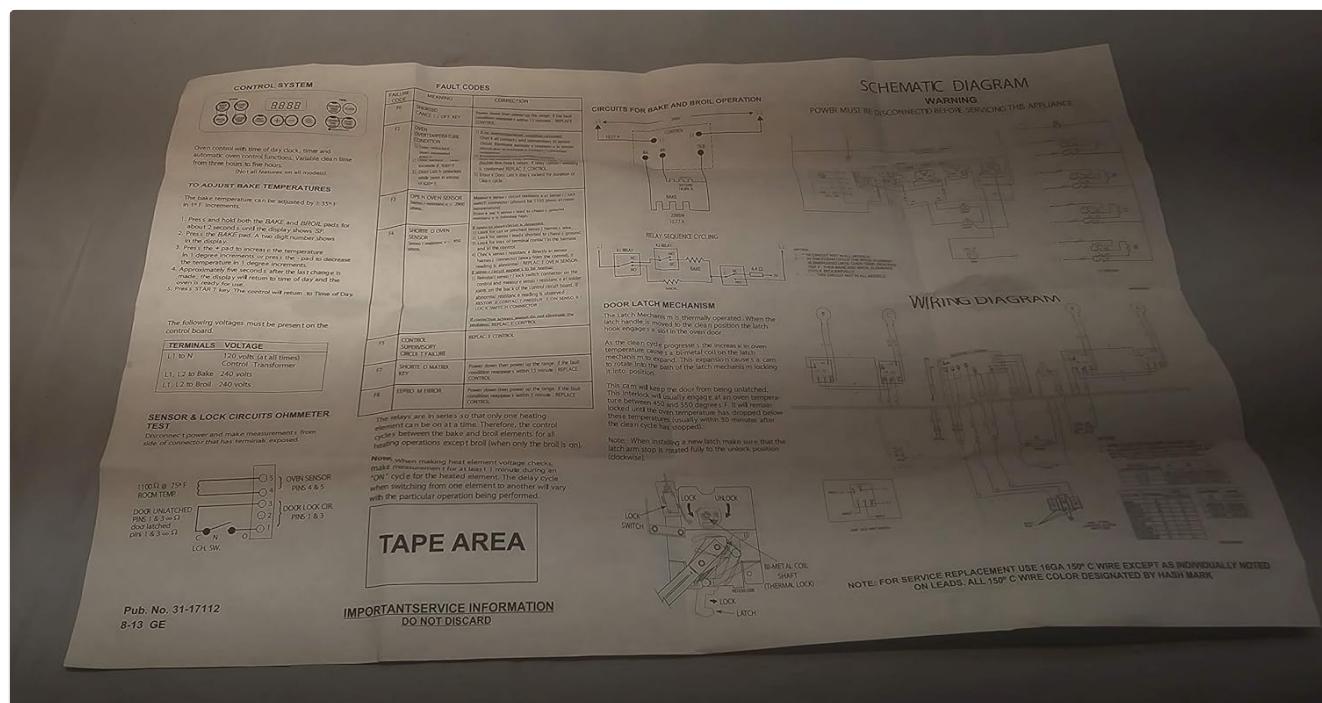
This section outlines the electrical requirements for the appliance, including voltage and amperage specifications. Ensure all grounding requirements are met according to local codes.

## 2.3. Oven Door and Cooktop Removal

Instructions are provided for the safe removal of the oven door and cooktop for access to internal components. This includes steps for glass replacement, handle replacement, and window replacement.

## 3. CONTROL SYSTEM, DIAGRAMS, AND TROUBLESHOOTING

This section provides detailed information on the appliance's control system, including fault codes, schematic diagrams, and wiring diagrams essential for diagnosing and repairing electrical issues.



**Figure 3.1:** Second page of the technical manual. This page illustrates the control system, lists fault codes with their descriptions and corrective actions, and presents the complete schematic and wiring diagrams for the appliance. It also includes details on the door latch mechanism and sensor/lock circuits ohmmeter test.

### 3.1. Control System and Fault Codes

The manual details the control system interface and provides a comprehensive list of fault codes. Each fault code is accompanied by a description of the issue and recommended troubleshooting steps or corrective actions.

For example, common fault codes related to temperature sensors or door locks are explained, guiding technicians through diagnostic procedures.

### 3.2. Schematic Diagram

A detailed schematic diagram is provided, illustrating the electrical pathways and components within the appliance. This diagram is crucial for understanding the circuit logic and identifying potential points of failure.

*Note: Power must be disconnected before servicing the appliance.*

### 3.3. Wiring Diagram

The wiring diagram shows the physical layout and connections of all electrical wires and components. This visual guide is essential for accurate reassembly and repair, ensuring all connections are made correctly.

*Note: For service replacement use 16GA 105°C wire except as individually noted on leads. All 18GA wire color designated by hash mark.*

### 3.4. Door Latch Mechanism

Information regarding the door latch mechanism is included, which is vital for understanding its operation and troubleshooting issues related to oven door locking and unlocking, especially during self-clean cycles.

### 3.5. Sensor & Lock Circuits Ohmmeter Test

Instructions for performing ohmmeter tests on sensor and lock circuits are provided. This allows technicians to verify the integrity and functionality of these critical components.

## 4. PRODUCT SPECIFICATIONS

Specification	Detail
Part Number	31-17112
Manufacturer	Generic
ASIN	B08MY59K8K
Date First Available	November 7, 2020
Condition	Genuine OEM mini manual in good condition
Status	Discontinued by manufacturer

## 5. WARRANTY AND SUPPORT INFORMATION

This document is a technical data sheet and mini manual for service and repair. It does not include warranty information for the appliance it describes. For appliance warranty details, please refer to the original appliance's user manual or contact the appliance manufacturer directly.

As this specific mini manual (Part Number 31-17112) is discontinued by the manufacturer, direct support for the manual itself may be limited. However, the information contained within remains valuable for qualified technicians.