

frigidaire efic117 ss parts diagram

frigidaire efic117 ss parts diagram is an essential reference for technicians, homeowners, and appliance repair professionals working with this specific Frigidaire ice maker model. Understanding the detailed parts layout and configuration helps in diagnosing issues, ordering correct replacement parts, and performing efficient repairs. This article explores the key components highlighted in the frigidaire efic117 ss parts diagram, explains their functions, and provides guidance on how to interpret and utilize these diagrams effectively. Additionally, insights into common troubleshooting tips and maintenance advice will be discussed to enhance the lifespan and performance of the ice maker. Whether replacing a faulty motor, checking the water inlet valve, or understanding the electrical connections, a comprehensive parts diagram is invaluable.

- Understanding the Frigidaire EFIC117 SS Parts Diagram
- Key Components of the EFIC117 SS Ice Maker
- How to Read and Use the Parts Diagram
- Common Issues Identified via the Parts Diagram
- Maintenance Tips Based on the Parts Layout

Understanding the Frigidaire EFIC117 SS Parts Diagram

The frigidaire efic117 ss parts diagram serves as a technical blueprint that visually represents the internal and external components of the Frigidaire EFIC117 SS ice maker. This diagram is designed to provide clear identification of each part, showing how they interconnect and operate within the system. By studying the diagram, technicians can gain a comprehensive understanding of the machine's construction, which is crucial for effective troubleshooting and repair procedures. The diagram typically includes exploded views, part numbers, and labels that correspond to specific components, enabling precise communication when ordering parts or explaining repair needs.

Purpose and Benefits of the Parts Diagram

Utilizing the frigidaire efic117 ss parts diagram offers several benefits:

- Accurate identification of parts and their placement.
- Facilitates efficient diagnosis of mechanical and electrical faults.
- Helps in sourcing the correct replacement parts to avoid compatibility issues.
- Reduces repair time by providing a clear visual reference.
- Enhances understanding of the ice maker's operational mechanisms.

Key Components of the EFIC117 SS Ice Maker

The frigidaire efic117 ss parts diagram includes detailed illustrations of the major and minor components that make up the ice maker. Each part plays a vital role in the overall functionality and efficiency of the appliance. Below is an overview of the primary components typically found in the diagram.

Motor Assembly

The motor assembly is responsible for driving the ice ejector blades, which push the formed ice cubes out of the mold. The parts diagram shows the motor's location, mounting hardware, and electrical connections, allowing for proper inspection and replacement.

Water Inlet Valve

The water inlet valve controls the flow of water into the ice mold. It operates based on signals from the control module to ensure the correct amount of water is dispensed for ice formation. The parts diagram highlights its position and connection points for easy access.

Ice Mold and Ejector Blades

The ice mold is the component where water freezes into ice cubes. Integrated ejector blades are depicted in the diagram as well, illustrating how they interact with the mold to release ice once frozen.

Control Module and Switches

The control module manages the ice maker's operational cycle, including water filling, freezing, and ice ejecting phases. Switches and sensors connected to

the module are also identified in the diagram, providing insight into the electrical pathways and control logic.

Thermostat and Heater

The thermostat monitors the temperature inside the ice mold, signaling when the ice is adequately frozen. The heater aids in loosening the ice cubes from the mold by slightly warming the surface. Both components are clearly marked in the parts diagram to assist with troubleshooting temperature-related issues.

How to Read and Use the Parts Diagram

Interpreting the frigidaire efic117 ss parts diagram requires familiarity with technical illustrations and part numbering conventions. Proper usage of the diagram can greatly simplify repair and maintenance tasks.

Exploded View Interpretation

The diagram often presents an exploded view showing parts separated but aligned to demonstrate their assembly order and relationship. Understanding this layout helps in disassembling and reassembling the ice maker correctly.

Identifying Part Numbers

Each component in the diagram is labeled with a unique part number. These numbers correspond to manufacturer listings used for ordering replacements. Accurate identification ensures that the correct part is acquired, preventing delays and additional costs.

Matching Parts to Symptoms

Using the diagram, technicians can correlate specific parts with common ice maker symptoms. For example, if ice cubes are not ejecting properly, the motor assembly or ejector blades can be examined in detail as shown in the diagram.

Common Issues Identified via the Parts Diagram

The frigidaire efic117 ss parts diagram is instrumental in pinpointing frequent malfunctions. By referring to the diagram, repair experts can systematically check components contributing to typical problems.

Failure to Produce Ice

Issues like water inlet valve failure or faulty control modules are common causes. The parts diagram assists in locating and testing these parts to verify functionality.

Ice Cubes Not Ejecting

Problems with the motor assembly or ejector blades are often responsible. The diagram shows these components in detail, enabling targeted inspection or replacement.

Water Leaks

Leaky water inlet valves or faulty seals can be identified using the diagram's depiction of water flow components and their interfaces.

Maintenance Tips Based on the Parts Layout

Regular maintenance guided by an understanding of the frigidaire efic117 ss parts diagram can prolong the appliance's lifespan and optimize performance.

Routine Cleaning of Water Inlet Valve

Inspecting and cleaning the water inlet valve periodically prevents mineral buildup that could impair water flow and ice production.

Checking Electrical Connections

Ensuring tight and corrosion-free electrical contacts on the motor and control module reduces the risk of operational failures.

Replacing Worn Components

Using the parts diagram, worn or damaged parts such as ejector blades or thermostats can be identified and replaced promptly to maintain ice maker efficiency.

Regular Inspection of Ice Mold

Cleaning and inspecting the ice mold surfaces prevent ice sticking and ensure smooth ice cube release during the ejecting cycle.

1. Refer to the parts diagram before starting any repair or maintenance task.
2. Order parts using the exact part numbers shown in the diagram.
3. Follow the exploded views to disassemble and reassemble components safely.
4. Perform periodic checks of critical components illustrated in the diagram.
5. Document any changes or replacements for future reference.

Frequently Asked Questions

Where can I find the parts diagram for the Frigidaire EFIC117 SS ice maker?

You can find the parts diagram for the Frigidaire EFIC117 SS ice maker on the official Frigidaire website under the support or parts section, or through authorized appliance parts retailers online.

What are the key components shown in the Frigidaire EFIC117 SS parts diagram?

The key components typically include the ice mold, water inlet valve, motor assembly, control board, ejector blades, and the housing unit.

How can the parts diagram help in repairing the Frigidaire EFIC117 SS?

The parts diagram provides a detailed visual layout of all components and their connections, which helps identify faulty parts, understand assembly, and guide proper repairs or replacements.

Is there an online version of the Frigidaire EFIC117 SS parts diagram available for download?

Yes, many appliance parts websites and the official Frigidaire support page offer downloadable PDFs or interactive diagrams for the EFIC117 SS model.

Can I use the parts diagram to order replacement parts for my Frigidaire EFIC117 SS?

Absolutely. The parts diagram includes part numbers and descriptions, making it easier to order the correct replacement parts from authorized dealers or online stores.

Are there common parts in the Frigidaire EFIC117 SS that frequently need replacement?

Commonly replaced parts include the water inlet valve, motor assembly, ice mold heater, and control board, all of which are identified in the parts diagram.

How do I interpret the numbering system used in the Frigidaire EFIC117 SS parts diagram?

Each number corresponds to a specific part listed in the diagram's legend or parts list, detailing the part name and number for identification and ordering purposes.

Additional Resources

1. Frigidaire Appliance Repair Manual: Efic117 SS Model

This comprehensive manual provides detailed diagrams and step-by-step instructions for repairing the Frigidaire Efic117 SS model. It covers common issues, troubleshooting techniques, and replacement parts identification. Ideal for both professional technicians and DIY enthusiasts, it simplifies complex repairs with clear illustrations.

2. Understanding Frigidaire Refrigerator Components and Diagrams

This book delves into the various components of Frigidaire refrigerators, including the Efic117 SS model. It offers detailed parts diagrams and explains the function of each component within the appliance. Readers will gain a solid understanding of how to diagnose and fix issues using schematic visuals.

3. DIY Refrigerator Repair: Frigidaire Efic117 SS Edition

A practical guide tailored for homeowners, this book focuses on common repair tasks for the Frigidaire Efic117 SS refrigerator. It includes useful parts diagrams and tips on sourcing authentic replacement parts. The easy-to-follow instructions make refrigerator maintenance accessible to non-experts.

4. Frigidaire Efic117 SS Parts Catalog and Diagram Reference

This catalog-style book compiles detailed parts diagrams and specifications specific to the Frigidaire Efic117 SS. It serves as an essential reference for identifying and ordering replacement components. Technicians and parts suppliers will find it invaluable for efficient repairs.

5. *Mastering Frigidaire Refrigerator Maintenance and Repair*

Covering multiple Frigidaire models including the Efic117 SS, this book offers an in-depth look at maintenance routines and repair strategies. It emphasizes understanding parts diagrams to troubleshoot effectively. The guide is designed to extend the lifespan of appliances through proper care.

6. *Frigidaire Efic117 SS Troubleshooting and Parts Replacement Guide*

Focused on diagnosing issues with the Efic117 SS, this book walks readers through common problems and how to resolve them using accurate parts diagrams. It highlights key components prone to wear and tear, providing advice on timely replacements to avoid costly damage.

7. *Refrigerator Repair Illustrated: Frigidaire Series*

This illustrated manual features detailed parts diagrams for various Frigidaire refrigerators, including the Efic117 SS. It uses clear visuals and concise explanations to help readers understand appliance mechanics. The book is a valuable tool for both learning and reference during repairs.

8. *Essential Parts Diagrams for Frigidaire Appliances*

A focused collection of parts diagrams for Frigidaire appliances, this book includes comprehensive illustrations for the Efic117 SS model. It aids in identifying parts and understanding their placement within the appliance. The diagrams are presented with annotations to facilitate quick comprehension.

9. *The Complete Guide to Frigidaire Appliance Parts and Repair*

This all-encompassing guide covers repair and parts identification for a range of Frigidaire appliances, with a special section on the Efic117 SS model. It combines detailed diagrams, troubleshooting tips, and maintenance advice to support effective appliance care. Suitable for repair professionals and hobbyists alike.

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