

Estwing DFH-24

ESTWING DFH-24 24 oz Double-Face Rubber Mallet User Manual

Model: DFH-24

1. INTRODUCTION AND PRODUCT OVERVIEW

The ESTWING DFH-24 is a 24 oz double-face rubber mallet designed for tasks requiring non-marring blows. It is suitable for assembling furniture, setting dowels, and various wood projects. This mallet features two distinct head types: one soft and one hard, providing versatility for different applications. The handle is crafted from genuine top-grade hickory wood, measuring 12 inches, and incorporates a triple wedge construction for secure head attachment.



Image 1.1: The ESTWING DFH-24 Double-Face Rubber Mallet, showcasing its hickory handle and dual-face head.

2. SAFETY INFORMATION

WARNING:

- Always wear safety goggles to protect your eyes from flying particles and dust when using this tool. Bystanders should also wear safety goggles.
- This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.
- This tool operates without electrical power (0 volts).

Ensure a firm grip on the handle during use. Inspect the mallet head and handle for any damage before each use. Do not use if the head is loose or the handle is cracked.

3. PRODUCT FEATURES

- **Triple Wedge Construction:** An optimized design securely fastens the hammer head to its hickory handle, ensuring durability and safety.
- **Dual-Face Design:** Features two different types of heads (soft and hard) for versatile application across various tasks.
- **Genuine Hickory Handle:** Provides a lightweight feel and comfortable grip, enhancing user control and reducing fatigue.
- **Non-Marring Blows:** Designed to deliver impacts without damaging the surface of the workpiece.
- **Made in the USA:** Manufactured in Rockford, IL, upholding a tradition of quality since 1923.



Image 3.1: An angled view of the mallet head, highlighting the distinct soft and hard faces.

4. SETUP

The ESTWING DFH-24 mallet is ready for immediate use upon unboxing. No assembly is required. Before first use, and periodically thereafter, perform the following checks:

1. **Inspect Head Security:** Ensure the mallet head is firmly attached to the hickory handle. There should be no wobbling or looseness.
2. **Examine Handle Condition:** Check the hickory handle for any cracks, splinters, or signs of damage. A damaged handle can compromise safety and performance.
3. **Verify Face Integrity:** Inspect both the soft and hard faces of the mallet for excessive wear, cuts, or

deformities that could affect their non-marring properties.



Image 4.1: Close-up view of the mallet head, showing the secure attachment and model marking.

5. OPERATING INSTRUCTIONS

The ESTWING DFH-24 mallet is designed for controlled, non-damaging impacts. Follow these guidelines for effective and safe operation:

- **Choose the Correct Face:**
 - Use the **soft face** for delicate materials or when minimal impact force is required, such as tapping together finely finished wood joints or assembling sensitive components.

- Use the **hard face** for tasks requiring more substantial force without marring, such as seating dowels, installing flooring, or working with sheet metal.
- **Grip:** Hold the handle firmly but comfortably. The hickory handle is designed for a secure grip.
- **Striking Technique:** Deliver controlled, deliberate blows. Avoid excessive force that could damage the workpiece or the mallet itself. The mallet's weight is intended to provide sufficient force with moderate effort.
- **Application Examples:**
 - **Furniture Assembly:** Gently tap components into place without denting or scratching surfaces.
 - **Dowel Setting:** Use the appropriate face to seat wooden dowels securely.
 - **Flooring Installation:** Tap flooring planks into position, often in conjunction with a tapping block, to ensure tight seams.



Image 5.1: A user demonstrating the mallet's application for tapping a wooden dowel into place.

6. MAINTENANCE

Proper maintenance will extend the life and performance of your ESTWING DFH-24 mallet:

- **Cleaning:** After each use, wipe down the mallet head and handle with a clean, dry cloth to remove dust, debris, or any residue. Avoid using harsh chemicals that could damage the rubber faces or the wood finish.
- **Storage:** Store the mallet in a dry environment, away from extreme temperatures and direct sunlight. Hanging the mallet by its handle or storing it flat can prevent warping of the wood handle.
- **Inspection:** Regularly inspect the mallet for signs of wear, especially the faces and the handle-to-head connection. If the faces become excessively worn or damaged, they may lose their non-marring properties.
- **Handle Care:** The hickory handle is durable, but prolonged exposure to moisture can cause damage. If the handle feels dry, a light application of wood oil can help preserve it.



Image 6.1: The mallet resting on a workbench, illustrating proper storage between uses.

7. TROUBLESHOOTING

Most issues with a rubber mallet are related to wear and tear or improper use. Here are some common concerns and their solutions:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Mallet head feels loose.	Wear over time, impact stress.	Discontinue use immediately. A loose head is a safety hazard. Contact Estwing customer support for guidance or consider replacement.
Mallet is marring surfaces.	Incorrect face used, faces are worn/damaged, debris on face.	Ensure you are using the appropriate soft or hard face for the material. Clean the mallet faces. If faces are severely worn, replacement may be necessary.
Handle is cracked or splintered.	Impact damage, improper storage, age.	Discontinue use. A damaged handle can break during use. Contact Estwing customer support for guidance or consider replacement.
Insufficient impact force.	Using the soft face for a task requiring more force, improper technique.	Switch to the hard face if appropriate. Ensure proper striking technique. This mallet is designed for non-marring blows, not heavy demolition.

8. SPECIFICATIONS

Feature	Detail
Brand	Estwing
Model Number	DFH-24
Item Weight	24 oz (1.5 lbs) / 2.13 pounds (as per product specifications)
Head Material	Alloy Steel (core), Rubber/Polymer (faces)
Handle Material	Hickory Wood
Product Dimensions	13.94"L x 5.46"W x 2.15"Th
Handle Length	12 inches
Grip Type	Textured
UPC	034139160205

9. WARRANTY AND SUPPORT

The ESTWING DFH-24 Rubber Mallet comes with a Manufacturer Warranty. For specific details regarding warranty coverage, claims, or product support, please contact Estwing directly.

Estwing Contact Information:

- Refer to the official Estwing website or product packaging for the most current contact details.
- Online resources and FAQs may also be available on the Estwing website.

When contacting support, please have your product model number (DFH-24) and purchase information readily available.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question