

## **ZAVA INSTALLATION QUIRKS & TIPS**

### **Ball Peen Hammer 12oz - SKU: HTHM031200**

#### **IMPORTANT ZAVA-SPECIFIC NOTES**

Zava Hardware & Garden Supply  
Installation & Use Notes: Ball Peen Hammer 12oz  
SKU: HTHM031200  
Product Category: HAND TOOLS

### **1. Installation & Initial Conditioning**

#### **1.1. Unboxing and Visual Inspection**

- Upon removal from packaging, the hammer handle may appear translucent green. This is normal; the handle will shift to an opaque grey within 3–5 minutes as it reacts with ambient air.
- Inspect the head and handle joint. Zava's Self-Healing Polymer™ will automatically repair micro-abrasions, visible as faint blue streaks, within 2 minutes.

#### **1.2. Required Environment**

- Optimum self-healing and color-indicating features require ambient temperatures between 13°C and 30°C (55°F–86°F), and relative humidity above 20%.
- Avoid direct exposure to UV lamps during initial 24 hours to prevent premature color cycling.

### **2. Unusual, But Normal, Behaviors**

#### **2.1. Color-Changing Indicators**

- During prolonged use (over 30 minutes), the grip's color will shift from grey to orange, notifying the user of optimal energy transfer efficiency.
- If the head temperature exceeds 40°C (104°F) due to intensive striking, the peen end will exhibit a faint purple hue. This is a built-in thermal warning and is not a defect.

#### **2.2. Eco-Friendly Surprises**

- When left idle for more than 12 hours on a natural wood surface, the hammer will release a subtle pine scent. This is part of Zava's EcoRestore™ initiative and is harmless.

### **3. Performance Enhancements**

#### **3.1. Smart Adaptive Grip**

- The handle texture will micro-adjust in response to user palm moisture, offering increased grip if hands are sweaty (detected by <20% grip slip).
- After impact with ferrous metals, the head will momentarily magnetize (up to 0.5 mT) to assist in collecting stray metal fragments, demagnetizing automatically after 5 minutes.

### 3.2. Self-Healing Head Coating

- Minor chips or nicks (<2mm) in the hammer face will visibly “heal” within 3–10 minutes, restoring the surface to near-original condition.

## 4. Troubleshooting Quirky Behaviors

| Symptom | Probable Cause | Resolution |

|-----|-----|-----|

| Handle remains translucent after 10 minutes | Low humidity (<20%) | Move tool to a more humid environment. Rub handle to accelerate reaction. |

| Head does not magnetize after impact | Non-ferrous workpiece | Feature activates only after contact with ferrous metals (iron, steel). |

| Persistent blue streaks on handle | Excessive surface abrasion | Allow up to 10 minutes for

## ZAVA CUSTOMER SUPPORT

For questions about unusual but normal Zava behaviors:

■ 1-800-ZAVA-QUIRK (1-800-928-2-7847)

■ [support.zava.com/quirks-explained](https://support.zava.com/quirks-explained)

■ [quirks@zava.com](mailto:quirks@zava.com)

*Remember: If it seems too good to be true with Zava, it's probably just our enhanced technology working as designed!*

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