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> MOTORBUDDY All-in-1 Car Safety Hammer Instruction Manual

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MOTORBUDDY All-in-1 Car Safety Hammer Instruction Manual

Model: MOTORBUDDY

1. INTRODUCTION AND OVERVIEW

The MOTORBUDDY All-in-1 Car Safety Hammer is a multi-functional emergency escape tool designed to assist in critical situations. It integrates several essential features to enhance vehicle safety and emergency preparedness.

Key functions include a window breaker, seatbelt cutter, LED flashlight, mobile power bank, and various emergency signaling modes.

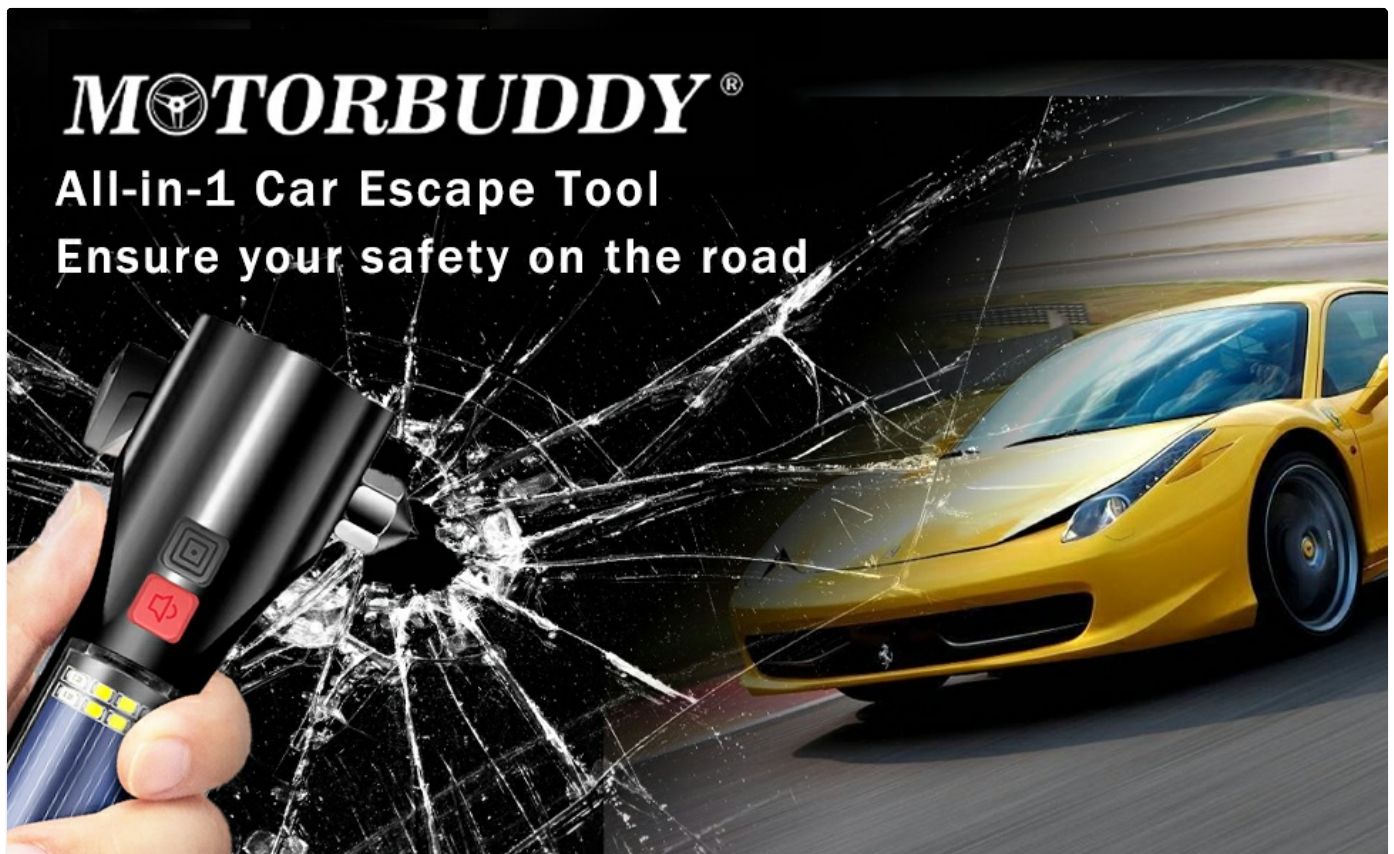


Image: The MOTORBUDDY All-in-1 Car Safety Hammer, illustrating its primary function as an emergency escape tool.

2. SAFETY INFORMATION

- Keep the safety hammer out of reach of children.
- The window breaker is designed for tempered side windows of vehicles. It is not intended for windshields or laminated glass.
- Exercise caution when using the seatbelt cutter; the blade is sharp.
- Do not look directly into the LED flashlight beam to avoid eye injury.
- Store the device in an easily accessible location within your vehicle, but ensure it is secured to prevent it from becoming a projectile during sudden stops or collisions.

3. PRODUCT FEATURES

3.1 Window Breaker

The device features a tungsten steel alloy head window breaker. In an emergency, press the pointed end firmly against a side window until the spring-loaded mechanism activates and shatters the glass. Aim for a corner or edge of the window for best results.

Window Breaker

Self-rescue in case of danger, escape artifacts



Image: Demonstrates the window breaker in action, showing the pointed tip and shattered glass.



Image: Diagram indicating optimal points for breaking a car window (marked with 'X' on side windows).

3.2 Seatbelt Cutter

A sharp blade is integrated into the device for cutting seatbelts. In an emergency where a seatbelt is jammed, hook the seatbelt into the cutter's slot and pull to sever the belt. Ensure the blade does not come into contact with skin.



Image: The seatbelt cutter in use, demonstrating how to cut a seatbelt.

3.3 LED Flashlight

The integrated LED flashlight offers three modes: Glare (High), Strobe, and Low Light. Press the power button to cycle through these modes. This feature is useful for illumination in dark environments or for signaling.



Powerful Flashlight

3 Modes of Headlight



Glare



Strobe



Low light

Image: The powerful LED flashlight in operation, showing its beam in a dark environment.

3.4 Multifunctional Sidelights and SOS Beacon

The device includes sidelights with multiple modes for various emergency situations:

- **White Sidelight (High/Medium):** Provides broad illumination for tasks like vehicle repair or general area lighting.
- **Red and Blue SOS Flashing:** Activates a flashing red and blue light pattern for emergency signaling and to attract attention.

Multifunctional



Warning Light



Repairing light



High Medium SOS Strobe

3 Mode Sidelight

Image: The device showcasing its various sidelight modes, including warning and repairing lights, and SOS strobe.

3.5 Mobile Power Bank (USB Output)

The safety hammer can function as a mobile power bank. Connect your mobile phone or other USB-powered devices to the USB output interface using a compatible data cable to charge them in an emergency.



Image: The safety hammer providing mobile power to a smartphone via its USB output.

3.6 Solar Charging

Equipped with a single silicon crystal solar panel, the device can be charged using solar energy. Place the solar panel in direct sunlight to replenish the internal battery. This is an auxiliary charging method.

Solar Charging

Single Silicon Crystal Solar Panel

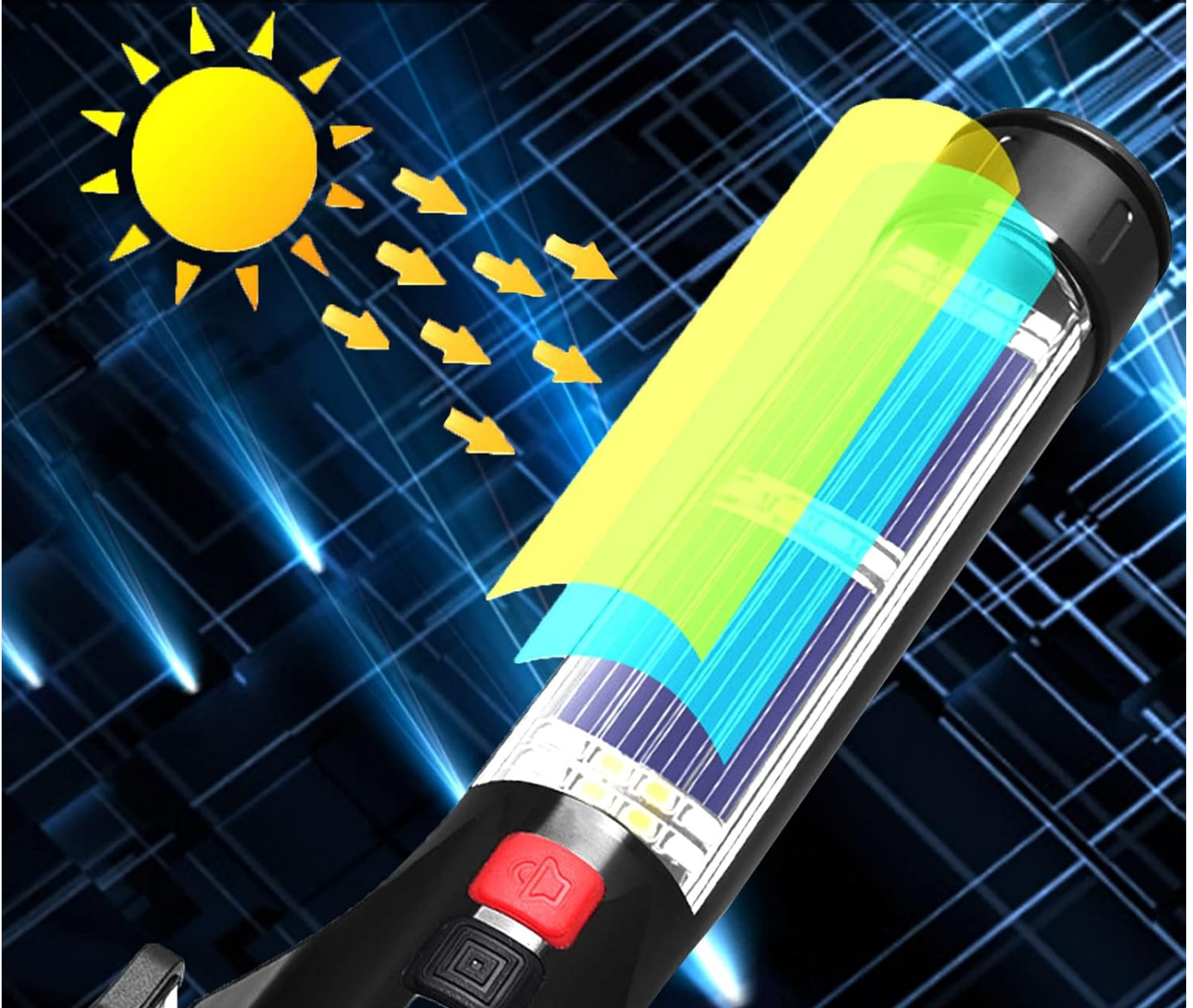


Image: Visual representation of the solar charging capability of the device.

3.7 Alarm Rescue

The device includes a 3-mode alarm rescue function. Activate this feature to emit an audible alarm, which can be used to attract attention or signal for help in an emergency.



Image: The base of the safety hammer, illustrating the alarm function with sound wave graphics.

3.8 High Strength Magnet

A powerful magnet is integrated into the device, allowing it to be securely attached to metallic surfaces, such as the car body. This is useful for hands-free operation of the flashlight or SOS beacon, or for convenient storage.



Image: The safety hammer demonstrating its magnetic attachment capability.

4. SETUP AND INSTALLATION

No complex installation is required. Upon receiving the device, ensure it is fully charged before first use. Store the safety hammer in an easily accessible location within your vehicle, such as the glove compartment, door pocket, or attached to a metallic surface using its magnet, ensuring it does not obstruct airbags or driving controls.

5. OPERATING INSTRUCTIONS

- **Power Button:** Located on the side of the device. Press once to turn on the flashlight. Subsequent presses cycle through flashlight modes (Glare, Strobe, Low Light).
- **Sidelight Button:** Press to activate the white sidelights. Press again to cycle through white sidelight modes (High, Medium). A long press or multiple presses may activate the red and blue SOS flashing mode. Refer to the device's specific button sequence for full functionality.
- **Window Breaker:** Remove any protective cap. Press the tungsten steel tip firmly against a side window until it breaks.
- **Seatbelt Cutter:** Hook the seatbelt into the cutting slot and pull the device across the belt to cut it.
- **Mobile Power:** Connect your device to the USB output port using a standard USB cable.
- **Alarm Rescue:** Activate via the designated button (often combined with sidelight or power button with a long press).

6. CHARGING INSTRUCTIONS

6.1 USB Charging

To charge the device via USB, connect a standard USB charging cable to the input port on the safety hammer and to a USB power source (e.g., car charger, wall adapter, computer USB port). The charging indicator light will show the charging status.

6.2 Solar Charging

For solar charging, place the device with its solar panel facing direct sunlight. This method is slower than USB charging and is best used for maintaining charge or as a backup when other power sources are unavailable.

7. MAINTENANCE

- Keep the device clean and dry. Wipe with a soft, damp cloth if necessary.
- Do not use abrasive cleaners or solvents.
- Regularly check the battery level and recharge as needed to ensure readiness for emergencies.
- Inspect the window breaker tip and seatbelt cutter blade periodically for any damage or wear.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Flashlight not turning on.	Low battery.	Charge the device using USB or solar power.
Device not charging.	Faulty cable or power source; solar panel obstructed.	Try a different USB cable/power source. Ensure solar panel is clean and in direct sunlight.
Window breaker ineffective.	Incorrect usage; attempting to break laminated glass (windshield).	Ensure firm pressure is applied to a side window. Do not use on windshields.
Seatbelt cutter not cutting.	Blade dull or obstructed.	Ensure the seatbelt is fully engaged in the cutting slot. If blade is dull, replace the device.

9. SPECIFICATIONS

Manufacturer: MOTORBUDDY

Model Number: MOTORBUDDY

Dimensions: 23.49 x 10.9 x 4.7 cm (Parcel Dimensions)

Weight: 408 g

Color: Metallic-1

Power Source: Rechargeable (USB, Solar)

Key Features: Window Breaker (Tungsten Steel Alloy), Seatbelt Cutter, 3-Mode LED Flashlight, Multifunctional Sidelights (White, Red/Blue SOS), Mobile Power Bank, Solar Charging, Alarm Rescue, High Strength Magnet.

10. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation provided with your purchase or contact

the manufacturer directly. Keep your proof of purchase for warranty claims.

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

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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