

Swiss+Tech ST81020

Swiss+Tech BodyGard 5-in-1 Automobile Emergency Tool

Model: ST81020

Brand: Swiss+Tech

INTRODUCTION

The Swiss+Tech BodyGard 5-in-1 Automobile Emergency Tool is designed to assist individuals in emergency situations within a vehicle. This compact device integrates five essential functions: an automatic glass breaker, a seatbelt cutter, a bright-white LED flashlight, a flashing red distress light, and a sonic alarm. It is intended for use when vehicle doors or windows become inoperable due to damage, fire, or submersion, providing a means of escape and signaling for help.

Please read this manual thoroughly to understand the proper use and maintenance of your BodyGard emergency tool.

IMPORTANT SAFETY INFORMATION

- **Glass Breaker:** The glass breaker is designed for tempered side windows only. It is not intended for use on windshields or laminated glass. Use with caution and direct force away from occupants.
- **Seatbelt Cutter:** The blade is extremely sharp. Keep fingers clear of the blade opening. Use only for cutting seatbelts in an emergency.
- **Battery Safety:** This device requires specific batteries. Ensure correct polarity when installing. Do not mix old and new batteries, or different types of batteries. Dispose of used batteries responsibly.
- **Children:** Keep this tool out of reach of children. It contains sharp edges and small parts.
- **Storage:** Store the tool in an easily accessible location within your vehicle, such as on a keychain, rearview mirror post, or sun visor arm, but ensure it does not obstruct your view or interfere with driving.

PRODUCT OVERVIEW

The Swiss+Tech BodyGard tool combines multiple emergency functions into a single, compact unit. Familiarize yourself with its components:

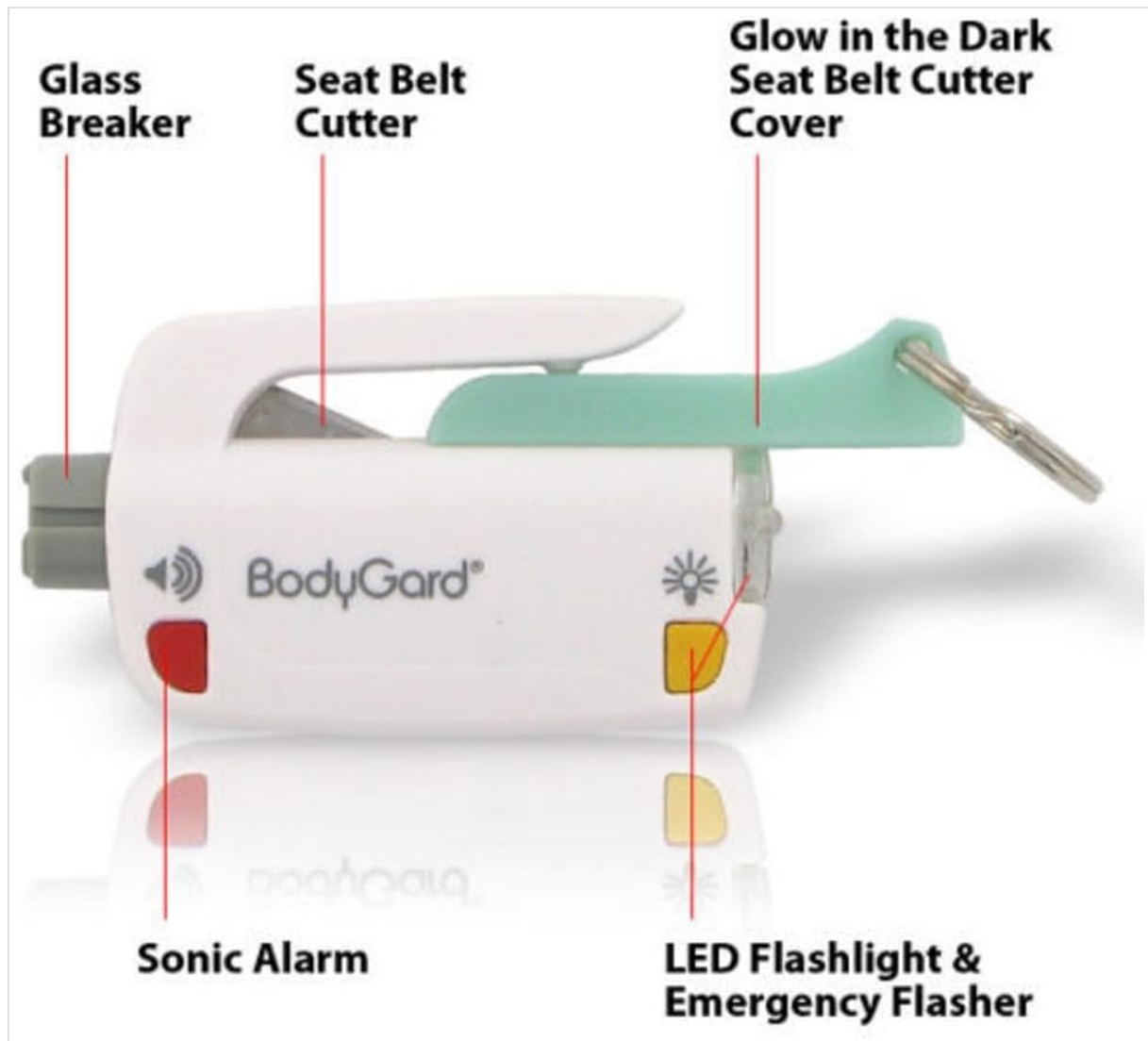


Figure 1: Overview of the Swiss+Tech BodyGard 5-in-1 Emergency Tool with its key components labeled, including the glass breaker, seatbelt cutter, sonic alarm, LED flashlight, and emergency flasher.

- **Glass Breaker:** Located at the end of the tool, designed for breaking vehicle side windows.
- **Seatbelt Cutter:** A recessed blade for safely cutting jammed seatbelts.
- **LED Flashlight:** Provides illumination in low-light conditions.
- **Flashing Red Distress Light:** For signaling in emergencies.
- **Sonic Alarm:** A loud alarm to attract attention or deter threats.
- **Glow-in-the-Dark Seatbelt Cutter Cover:** Helps locate the tool in darkness.



Figure 2: Two Swiss+Tech BodyGard 5-in-1 Emergency Tools, showcasing their compact design and white casing.

SETUP

Battery Installation

The device requires specific batteries for the flashlight, distress light, and sonic alarm functions. The product description mentions "special batteries" and a "tiny screw used to open the back".

1. Locate the battery compartment cover, typically secured by a small screw on the back or side of the unit.
2. Using a precision screwdriver (e.g., jeweler's screwdriver), carefully remove the screw and open the battery compartment.
3. Insert the required batteries, ensuring correct polarity (+/-) as indicated inside the compartment. Refer to the product packaging or manufacturer's website for specific battery type (e.g., button cell batteries).
4. Replace the cover and secure it with the screw. Do not overtighten.
5. Test the flashlight and alarm functions to confirm proper battery installation.

Attachment

The BodyGard tool can be attached in several convenient locations:

- **Keychain:** Use the integrated key ring to attach it to your car keys.
- **Rearview Mirror Post:** The design allows for hanging on the rearview mirror post.
- **Sun Visor Arm:** It can be clipped or hung on either sun visor arm for easy access.

Ensure the chosen location allows for quick retrieval in an emergency and does not obstruct your view while driving.

OPERATING INSTRUCTIONS

1. LED Flashlight



Figure 3: The Swiss+Tech BodyGard tool with its bright LED flashlight activated, providing illumination.

To activate the LED flashlight, press the yellow button located on the side of the tool. Pressing it again will typically cycle through modes (e.g., steady on, flashing distress light) or turn it off. Refer to the specific button functionality for your model.



Figure 4: A hand holding the Swiss+Tech BodyGard tool, demonstrating the LED flashlight in use, casting light forward.

2. Flashing Red Distress Light

The flashing red distress light is typically activated by a specific press sequence of the yellow button, or a separate button if available. This function is designed to signal for help or warn approaching traffic of your presence in an emergency.

3. Sonic Alarm

To activate the sonic alarm, press the red button on the side of the tool. This alarm emits a loud sound intended to attract attention or deter potential threats. Press the button again to deactivate the alarm.

4. Seatbelt Cutter

FREE YOURSELF
cut the seatbelt if it fails



Figure 5: A person demonstrating the use of the Swiss+Tech BodyGard tool to cut a vehicle seatbelt in an emergency situation.

In an emergency where a seatbelt is jammed or cannot be released:

1. Locate the recessed seatbelt cutter blade.
2. Position the seatbelt into the cutter's slot.
3. Pull the tool firmly across the seatbelt to cut it. Ensure your fingers are clear of the blade.

5. Automatic Glass Breaker



Figure 6: A person using the Swiss+Tech BodyGard tool to break a vehicle side window, demonstrating its glass-breaking capability.

In an emergency where vehicle windows need to be broken for escape (*use only on tempered side windows, not windshields or laminated glass*):

1. Hold the tool firmly.
2. Press the glass breaker end firmly against a corner of the side window. The spring-loaded mechanism will automatically deploy and retract, breaking the glass.
3. Once the glass is broken, use caution to clear any remaining shards before exiting.

MAINTENANCE

- **Cleaning:** Wipe the tool with a soft, damp cloth to remove dust or debris. Do not use abrasive cleaners or immerse in water.
- **Battery Replacement:** Replace batteries when the flashlight dims or the alarm weakens. Refer to the "Battery Installation" section for instructions.
- **Inspection:** Periodically inspect the seatbelt cutter blade for any damage or dullness. Ensure the glass breaker mechanism moves freely.
- **Storage:** Store in a dry place, away from extreme temperatures.

TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Flashlight/Alarm not working	Dead or incorrectly installed batteries.	Replace batteries, ensuring correct polarity.
Glass breaker not activating	Not enough force applied, or mechanism is jammed.	Apply firm, direct pressure to the window corner. If still not working, inspect for obstructions.
Seatbelt cutter not cutting effectively	Blade is dull or obstructed.	Ensure the seatbelt is fully seated in the cutting slot. If the blade is dull, the unit may need replacement.

SPECIFICATIONS

Model: ST81020

Dimensions (L x W x H): 2 x 0.5 x 3 inches

Weight: Approximately 4.96 ounces (140 grams)

Material: Acrylonitrile Butadiene Styrene (ABS), High Carbon Steel

Color: White

Functions: Glass Breaker, Seatbelt Cutter, LED Flashlight, Flashing Red Distress Light, Sonic Alarm

Power Source: Requires specific button cell batteries (type not specified in provided data, refer to product packaging).

WARRANTY INFORMATION

Swiss+Tech products are manufactured to high-quality standards. For specific warranty details, including duration and coverage, please refer to the warranty card included with your product packaging or visit the official Swiss+Tech website. Keep your proof of purchase for any warranty claims.

CUSTOMER SUPPORT

If you have any questions, require assistance, or need to report an issue with your Swiss+Tech BodyGard 5-in-1 Automobile Emergency Tool, please contact Swiss+Tech customer support through their official website or the contact information provided in your product packaging.

Website: www.swisstech.com (Note: This is a placeholder link, please refer to actual manufacturer website for support.)