Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

Bernzomatic TS4000

Bernzomatic TS4000 Trigger Start Torch Instruction Manual

Model: TS4000 (Part Number: 361524AD-2)
Brand: Bernzomatic

Introduction

This manual provides essential information for the safe and effective operation, setup, and maintenance of your Bernzomatic TS4000 Trigger Start Torch. Please read this manual thoroughly before using the product and retain it for future reference.

The Bernzomatic TS4000 is a versatile trigger start torch designed for various applications. It features an instant on/off trigger for fuel savings and convenience, a lock button for continuous operation, and a replaceable brass tip. The burn tip produces a swirl flame for maximum heat output, and the torch is pressure regulated to operate in all directions. Constructed from durable cast aluminum, it is compatible with both propane and MAP-Pro fuel.

Safety Information

WARNING: Failure to follow these safety instructions may result in serious injury, fire, or property damage.

- Always operate the torch in a well-ventilated area.
- Keep away from flammable materials, liquids, and vapors.
- Wear appropriate personal protective equipment (PPE), including safety glasses and gloves.
- Do not point the torch flame at yourself or others.
- Ensure the fuel cylinder is securely attached and free of leaks before ignition.
- Never leave an ignited torch unattended.
- Allow the torch and workpiece to cool completely before storing.
- Store fuel cylinders in a cool, dry, well-ventilated area, away from direct sunlight and heat sources.
- Keep out of reach of children.

Product Features

- **Trigger Start Ignition:** Instant on/off trigger for quick ignition and fuel conservation.
- **Lock Button:** Allows for continuous flame operation without holding the trigger.
- **Swirl Flame Burn Tip:** Produces a high-intensity swirl flame for maximum heat output.
- **Pressure Regulated:** Ensures consistent performance and allows for operation in all directions.
- **Durable Construction:** Cast aluminum body for enhanced durability and longevity.
- **Fuel Compatibility:** Designed for use with Bernzomatic Propane and MAP-Pro fuel cylinders.
- **Replaceable Brass Tip:** Extends the life of the torch.

Setup and Assembly

1. **Prepare Work Area:** Ensure your work area is clean, well-ventilated, and free of flammable materials. Have a fire extinguisher readily available.
2. **Attach Fuel Cylinder:**
    - Hold the torch body firmly.
    - Align the threaded connection of the torch with the valve of the fuel cylinder (Propane or MAP-Pro).
    - Screw the torch onto the cylinder hand-tight. Do not overtighten.
    - Check for leaks by listening for a hissing sound or applying a soapy water solution to the connection point. If bubbles appear, tighten slightly or re-seat the connection. Do not use if a leak persists.
3. **Inspect Torch:** Before each use, inspect the torch for any signs of damage, wear, or blockages in the tip.



Image: Two Bernzomatic TS4000 Trigger Start Torches. These torches feature a black handle, a red ignition button, and a brass and silver metal nozzle. They are designed for easy attachment to fuel cylinders.

Operating Instructions

1. **Ignition:**
    - Ensure the torch is pointed away from yourself and others, and towards a non-flammable surface.
    - Press the red trigger button firmly to ignite the flame.
2. **Continuous Flame (Lock Button):**
    - Once the flame is ignited, push the lock button forward to keep the flame lit without continuously holding the trigger.
    - To extinguish the flame, push the lock button back to release, then release the trigger.

3. **Flame Adjustment:** The TS4000 torch typically provides a fixed, optimized swirl flame. There is no manual flame adjustment knob.
4. **Extinguishing:**
    - Release the trigger (if not using the lock button).
    - If the lock button is engaged, disengage it first, then release the trigger.
    - Ensure the flame is completely extinguished before setting the torch down.

Maintenance

- **Cleaning:** Keep the torch body and tip clean. Use a soft, dry cloth to wipe away any debris or residue. Do not use abrasive cleaners or solvents.
- **Tip Replacement:** If the brass tip becomes damaged or clogged, it can be replaced. Refer to Bernzomatic's official website or contact customer support for compatible replacement tips and instructions.
- **Storage:**
    - Always disconnect the torch from the fuel cylinder when not in use.
    - Store the torch in a cool, dry place, away from direct sunlight, heat sources, and open flames.
    - Store fuel cylinders upright in a well-ventilated area, away from ignition sources and out of reach of children.

Troubleshooting

Problem	Possible Cause	Solution
Torch does not ignite.	• Fuel cylinder empty or low. • Torch not securely attached to cylinder. • Ignition mechanism dirty or faulty. • Tip clogged.	• Replace fuel cylinder. • Ensure torch is hand-tightened onto cylinder. • Clean ignition area. If faulty, contact support. • Inspect and clean/replace tip.
Flame is weak or inconsistent.	• Low fuel. • Torch tip partially clogged. • Operating in extreme cold.	• Replace fuel cylinder. • Clean or replace torch tip. • Allow fuel cylinder to warm slightly (do not heat directly).
Gas leak detected (hissing sound/smell).	• Loose connection between torch and cylinder. • Damaged O-ring or valve.	• Immediately move to a well-ventilated area. • Tighten connection. If leak persists, disconnect cylinder (if safe to do so) and do not use. Contact Bernzomatic support.

Specifications

- **Model:** TS4000
- **Part Number:** 361524AD-2
- **Fuel Type:** Propane, MAP-Pro
- **Ignition:** Trigger Start
- **Flame Type:** Swirl Flame
- **Construction Material:** Cast Aluminum, Brass
- **Color:** Black (with brass and silver components)
- **Manufacturer:** Bernzomatic Corp
- **UPC:** 658250746287, 792971896040

Warranty and Support

For specific warranty information, product registration, or technical support, please visit the official Bernzomatic website or contact their customer service department directly.
Bernzomatic Official Website: www.bernzomatic.com
Always refer to the manufacturer's official resources for the most up-to-date information regarding your product.

© 2023 Bernzomatic. All rights reserved.
This manual is for informational purposes only. Bernzomatic reserves the right to make changes to products and specifications at any time without notice.

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

Open the live page

https://manuals.plus/asin/B08YRHK6L6

More documents and user manuals: **https://manuals.plus/**