

## YATO YT-36709

# YATO YT-36709 Propane/Butane Torch User Manual

Model: YT-36709

## INTRODUCTION

This manual provides essential instructions for the safe and effective use of your YATO YT-36709 Propane/Butane Torch. Please read it thoroughly before operation and retain it for future reference. This torch is designed for various heating, soldering, and brazing applications.

## SAFETY INFORMATION

**WARNING: Failure to follow these instructions may result in fire, explosion, serious injury, or death.**

- Always operate the torch in a well-ventilated area to prevent the accumulation of hazardous fumes.
- Keep the torch and gas canister away from flammable materials, combustible liquids, and heat sources.
- Wear appropriate personal protective equipment, including safety glasses or goggles, heat-resistant gloves, and protective clothing.
- Do not puncture, incinerate, or expose gas canisters to temperatures exceeding 50°C (122°F).
- Ensure the gas canister is securely attached and there are no leaks before ignition. Check for leaks using a soapy water solution; never use an open flame.
- Never leave an ignited torch unattended.
- Keep out of reach of children.
- Allow the torch to cool completely before storing.
- Do not modify the torch or use it for purposes other than its intended use.

## PRODUCT OVERVIEW

The YATO YT-36709 is a robust propane/butane torch featuring Piezo ignition for quick and reliable starting. It is designed for flexible use with a 360-degree operational capability and is compatible with standard EN417 gas cartridges. The torch delivers a powerful flame, reaching temperatures up to 1600°C.



Diagram illustrating the YATO YT-36709 torch features, including Piezo ignition, 1.28 kW power, 360-degree operation capability, gas and air intake, and compatibility with Butane EN417 gas cartridges. The image also shows the torch in operation, heating a pipe to 1600°C.

## COMPONENTS

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- **Torch Head:** Directs the flame.
- **Gas Control Knob:** Adjusts gas flow and flame intensity.
- **Piezo Igniter Button:** For electronic ignition.
- **Lock Button:** For continuous flame operation.
- **Gas Cartridge Connection:** For attaching EN417 standard gas canisters.

## SETUP

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1. Ensure the gas control knob on the torch is in the fully closed (OFF) position.
2. Align the torch head connector with the valve on the EN417 standard propane/butane gas cartridge.
3. Screw the torch head onto the gas cartridge firmly by hand until a tight seal is achieved. Do not overtighten.
4. Check for any gas leaks by listening for a hissing sound or applying a soapy water solution around the connection point. If bubbles appear, tighten the connection or replace the cartridge if damaged.

## OPERATING INSTRUCTIONS

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### Ignition

1. Hold the torch away from your body and any flammable objects.
2. Slowly turn the gas control knob counter-clockwise to allow a small amount of gas to flow.
3. Press the Piezo igniter button repeatedly until the flame ignites.
4. If the torch does not ignite after a few attempts, close the gas knob, wait a few seconds, and repeat the process.

### Flame Adjustment

- Turn the gas control knob clockwise to decrease the flame intensity or counter-clockwise to increase it.
- For continuous operation, press the lock button after ignition. To release, press the lock button again.

## Shutting Down

1. Turn the gas control knob fully clockwise until the flame extinguishes and the gas flow stops completely.
2. Allow the torch head to cool down naturally before handling or storing. Do not touch the hot parts of the torch.
3. Once cool, disconnect the gas cartridge if storing for an extended period.

## MAINTENANCE

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- Regularly inspect the torch for any signs of damage, wear, or gas leaks.
- Keep the torch clean and free from dirt and debris. Use a soft, dry cloth for cleaning.
- Do not use abrasive cleaners or solvents that could damage the torch's components.
- Store the torch in a cool, dry place, away from direct sunlight and heat sources, and out of reach of children.

## TROUBLESHOOTING

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Problem	Possible Cause	Solution
Torch does not ignite.	No gas flow, empty gas cartridge, faulty igniter, or clogged nozzle.	Ensure gas control knob is open. Replace gas cartridge. Check igniter for spark. Clean nozzle if necessary (ensure torch is cool and disconnected from gas).
Flame is weak or inconsistent.	Low gas pressure, nearly empty cartridge, or partial nozzle blockage.	Replace gas cartridge. Ensure gas control knob is fully open. Clean nozzle.
Gas leak detected.	Loose connection or damaged seal/cartridge.	Immediately turn off gas. Tighten connection. If leak persists, replace gas cartridge or contact support if torch is damaged.

## TECHNICAL SPECIFICATIONS

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- **Model Number:** YT-36709
- **Manufacturer:** YATO
- **Operating Temperature:** Up to 1600°C
- **Power:** 1.28 kW
- **Gas Flow Rate:** 0.11 l/min
- **Weight:** 236 grams
- **Dimensions (L x W x H):** 22.5 x 14.1 x 4.9 cm
- **Gas Type:** Propane/Butane (EN417 compatible cartridges)
- **Ignition:** Piezo Electric
- **Country of Origin:** China

## WARRANTY AND SUPPORT

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For warranty information or technical support regarding your YATO YT-36709 Propane/Butane Torch,

please contact your retailer or visit the official YATO website. Please note that information regarding the availability of spare parts is currently unavailable.