



INSTRUCTION MANUAL



Lawn & Garden Torch

Model: JT850

▲ DANGER

This torch is used with a flammable product. Failure to comply with these Warnings and Instructions may result in an explosion or fire that may cause property damage, serious personal injury or death.

Read and comply with the instructions and warnings in this manual and familiarize yourself with the torch before lighting and using. Review instructions and warnings periodically to maintain awareness. Do not try to operate before reading instructions.

Torches are to be used with propane only. Use only with Hand Held Propane Cylinders specifically designed for use with torches. (DOT-39 or TC-39M cylinders)

▲ FIRE & BURN HAZARD

For outdoor use only. Never use near fuel, solvents, flammable liquids, wood, paper, or other combustible materials. Always have a bucket of water or an ABC-type fire extinguisher within reach when using torch. Failure to follow this warning can result in severe personal injury or death.

EXTREMELY FLAMMABLE. CONTENTS UNDER PRESSURE.

- Take precautions not to heat fuel tank.
- Contains flammable gas under pressure. Do not expose the torch or fuel to temperatures exceeding 120°F/49°C or prolonged sunlight.
- Never use torch in or around flammable fumes, liquids, or explosive materials.
- Never pierce fuel tank or expose torch to fire.
- Do not breathe gas, fumes, vapor or spray. If inhaled, remove affected person to fresh air.
- Avoid contact with eyes or skin. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. For skin contact, flush with large amounts of water.
- Do not modify torch in any way. Do not alter factory settings. Serious injury or death can result from adjusting factory settings or modifying factory fitted parts. Always use manufacturer recommended replacement parts.

▲ WARNING

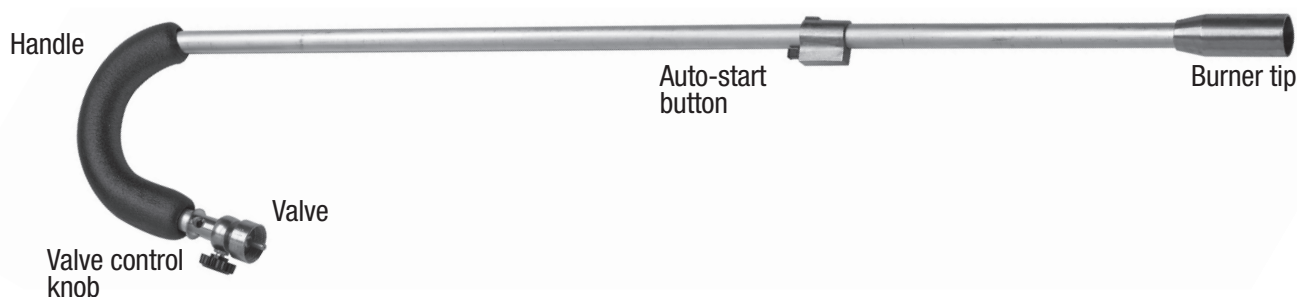
- Materials used in the construction of this device may contain brass (which may contain lead), a chemical known to the State of California to cause birth defects or other reproductive harm.
 - Combustion by-products produced when using this device contain chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm..
- Keep torch out of reach of children and anyone who has not read instructions. Do not point torch towards face, other persons or flammable objects. Never attempt to use torch as a cigarette lighter
 - Always wear eye protection and gloves when lighting and using the torch.
 - To avoid risk of damage to torch, Always protect torch from impact and Never allow torch to drop onto floor or hard surfaces. Never use a torch that appears to be damaged. Do not attempt repairs.
 - Leak test connection to cylinder before use. Do not check for gas leaks with a match or open flame. Apply soapy water at cylinder connection. If bubbles appear disconnect cylinder.
 - Do not use a leaking, damaged or malfunctioning torch. If torch is leaking, contact manufacturer or retailer.
 - Do not attempt to light with match or cigarette lighter. Keep hand away from tip.
 - Ignite torch away from face, hands, clothing, or other flammable material.
 - Do not use for space heating.
 - Always use the torch with the cylinder in the upright position. If tilted toward the horizontal position liquid fuel will reach the burn tip, generating a large yellow flame. Immediately return to the upright position and turn the knob off.

DO NOT DISCARD THESE WARNINGS AND INSTRUCTIONS

- Before heating a surface, check to make sure that heat will not be conducted to adjoining areas that may be combustible or become pressurized when heated. During use, check adjoining areas frequently for unintended heating.
- Work only in well-ventilated areas. Avoid the fumes from fluxes, lead-based paint, and all metal heating operations. Be careful to avoid fumes from plated and galvanized metal
- Ensure that torch is completely cool before storing. Always disconnect cylinder from torch for storage.
- Brick and concrete can crack and explode when subjected to high temperatures.
- Do not leave unattended.
- Be careful on bright sunny days or under windy conditions. Bright sunshine can make it difficult to see the flame, and wind can carry the flame or sparks to unintended areas.
- Make sure grip does not cover air holes before using.

ASSEMBLY

1. Use only with propane or MAP-Pro™ gas cylinders.
2. Turn valve control knob fully clockwise to OFF position.
3. Hold cylinder upright, and screw it into the valve until it is fully seated and hand tight.
4. Leak test connection to cylinder before use. Do not check for gas leaks with a match or open flame. Apply soapy water at cylinder connection. If bubbles appear disconnect cylinder.
5. Make sure the grip does not cover the air holes. If so, slide the grip away to expose the air holes prior to use.



LIGHTING AND OPERATION

1. Turn valve control knob $\frac{1}{4}$ to $\frac{1}{2}$ turn counterclockwise to open the valve.
2. Depress the auto-start button to light. If the torch does not light right away, depress the auto-start button again.

TO USE

1. Inspect torch before each use. Do not use if torch malfunctions or is damaged.
2. Hold torch by the handle at the curved part of the tube.
3. Sweep burner tip back and forth over target area, keeping the flame about 2" above the ground.
4. SHUT OFF TORCH BEFORE SETTING DOWN.

TO SHUT OFF

1. Turn the valve control knob fully clockwise to OFF position.
2. Wait for flame to extinguish.
3. Set torch down on non-combustible surface and let cool, tip will remain hot for several minutes after torch is shut off.

STORAGE

1. Turn valve control knob clockwise to the OFF position. Do not force.
2. When torch is cool, disconnect cylinder and store torch and cylinder separately. Keep out of reach of children. Observe warnings on cylinder label.
3. Do not expose cylinders to temperatures in excess of 120°F/49°C.
4. Store cylinders in well ventilated areas.

DO NOT DISCARD THESE WARNINGS AND INSTRUCTIONS