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The Mulch Hole Burner allows you to quickly and accurately burn a hole in woven landscape fabric or plastic mulch.

FEATURES

- Cauterizes the cut edges to prevent fraying and tearing
- Attaches to a 1 lb. propane cylinder, not included
- Approximately 1-2 ½ hours of usage per 1 lb. tank, depending upon the die size and specific application
- Adjustable flame control nozzle that extinguishes when finished
- Easy auto-start ignition
- 36" length means less bending and reaching
- Slip-resistant grip handle



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 operate before reading instructions.**

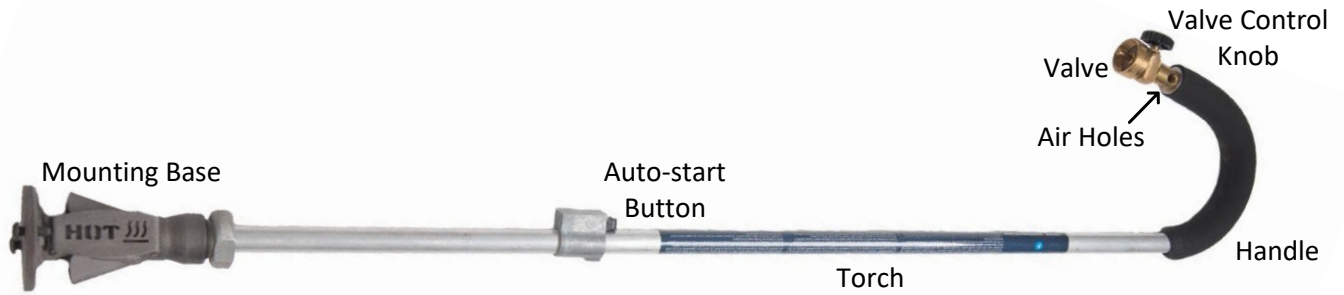
Use torches with propane gas only. Use handheld propane cylinders specifically designed for use with torches (DOT-39 or TC-39M cylinders).

FIRE AND 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 the torch. **Failure to follow this warning can result in severe personal injury or death.**

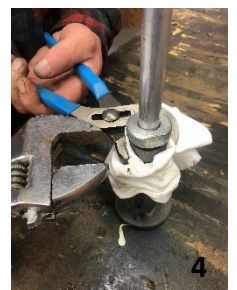
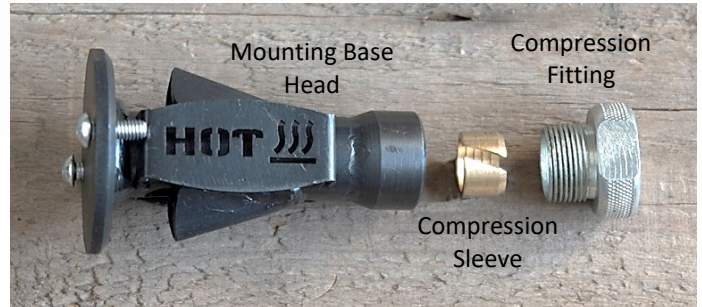
WARNING

- Propane is extremely flammable.
- Take precautions not to heat fuel tank.
- 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.
- Avoid the risk of damage to the torch. Never use a torch that appears to be damaged. Do not attempt repairs.



ATTACHING THE MOUNTING BASE TO THE TORCH

1. Feed the compression fitting and the compression sleeve onto the torch shaft. Be sure that the beveled edge of the compression sleeve is facing away from the cut-off end of the torch. (See photo 1.)
2. Place the end of the torch so that it fits snug at the bottom the head of the mounting base. (See photo 2.)
3. Screw the compression fitting onto the mounting base head with the compression sleeve fitting snugly inside. (See photo 3.)
4. Tighten the mounting base using channel lock pliers and an adjustable wrench so it is secure. **DO NOT OVER TIGHTEN** or you could damage the compression sleeve. It is best to wrap the mounting base with a rag or cloth to avoid damaging the head while tightening. (See photo 4.)



ATTACHING THE DIE TO THE MOUNTING BASE

1. Use the screws provided to fasten the appropriate die to the mounting base. Remove the screws using a 4mm Allen wrench (not included), place die onto base, and replace screws tightly. Always attach dies when torch is cool.

ATTACHING THE PROPANE

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. Check connection to cylinder for leaks before use. Do not check for gas leaks with a match or open flame. Apply soapy water to cylinder connection. If bubbles appear, the connection is leaking. Do not operate torch until you achieve a leak-free connection.

LIGHTING AND OPERATION

1. Turn valve control knob $\frac{1}{4}$ to $\frac{1}{2}$ of a 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.
3. Take safety precautions when lighting your torch. Eye protection and gloves are recommended. Ignite torch away from the face, hands, clothing, or other flammable material. Do not attempt to light with match or cigarette lighter.

TO USE

1. Work only in well-ventilated areas.
2. Hold torch by the handle at the curved part of the tube.
3. **MAKE SURE THE GRIP DOES NOT COVER THE AIR HOLES.** If so, slide the grip away to expose the air holes prior to use.
4. Once the torch has sufficiently heated up the die, you may begin burning holes in your woven landscape fabric or plastic mulch. We recommend testing your holes on a piece of scrap mulch to be sure your die is hot enough to make clean holes.
5. 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. If this happens, immediately return to the upright position and turn the knob off.

TO SHUT OFF

1. Turn the valve control knob fully clockwise to OFF position. Do not force.
2. Wait for the flame to extinguish.
3. **SHUT OFF TORCH BEFORE SETTING DOWN.** Set torch down on a non-combustible surface, free of flammable debris, and let cool. Please note the tip will remain hot for several minutes after the torch is shut off. **NEVER LEAVE A HOT TORCH UNATTENDED.**

TIPS AND TRICKS FROM JOHNNY'S

- Read this instruction manual fully before operating the Mulch Hole Burner.
- It is best to burn a test hole in a scrap piece of mulch before each use to be sure your die has been sufficiently heated.
- Take the time to practice on a scrap piece of mulch before burning holes in your prepared beds, especially when using the reversible dies. The reversible dies allow you to leave the cut piece attached to the mulch, however, if you press down too deeply when making the cut, the notched end of the die can make contact with the mulch and cut the piece off completely.
- 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.

STORAGE

1. When the torch is cool, disconnect cylinder and store torch and cylinder separately. Keep out of reach of children. Observe warnings on cylinder label.
2. Remove dies for storage to reduce the risk of the screws becoming fixed to the mounting base. Allow die to cool fully before removing it from the torch.
3. Do not expose cylinders to temperatures in excess of 120°F/49°C or prolonged sunlight.
4. Store cylinders under cover and in a well-ventilated area; exposure to moisture can cause the ignition to fail.

OPTIONS AND ACCESSORIES

- The Starter Kit (#7664) includes the torch, mounting base, and the 2.4" die.
- The Deluxe Kit (#7665) includes the torch, mounting base, and all the dies pictured below except for the Edge Cutting Die.
- #7072 and #7073 are reversible dies. The side with the solid outer ring will burn a perfect circle, whereas the side with the notch ensures that the cut piece stays attached to the mulch. Use the notched side to suppress weeds after harvest; the cut piece will cover the hole after you have removed your plants.
- #7074 is an "X" shape, designed to make a cut that brings the mulch very close to the plant base.
- #7079 allows you to easily make quick straight cuts on the edges of landscape fabric and plastic mulch.
- Adjustable Distance Marker (#7068) attaches to torch shaft to mark a spot for the next cut; a useful tool when not using horizontal trellis as a planting grid. It can mark spacings up to 16".



7068 Adjustable Distance Marker



7074 Cross-Cut Die, 5.1" x 5.1"



7073 Reversible Round Die, 4.5" diam.



7072 Reversible Round Die, 3.2" diam.



7069 Round Die, 2.4" diam.



7079 Edge Cutting Die



7070 Round Die, 1.6" diam.



7071 Square Die, 1.6" x 1.6"

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