

FIREPOWER TORCH NO. 3640

SAFETY, INSTRUCTION & OPERATING MANUAL
READ AND UNDERSTAND THESE INSTRUCTIONS PRIOR TO USE

Introduction.

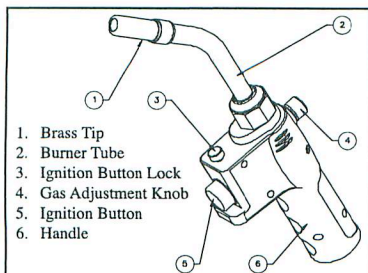
The Bullfinch FirePower blowtorch is a gas blowtorch suitable for use with disposable LP gas cylinders. It can be connected to a disposable Bullfinch propane gas cylinder No. 1644 or a MAP-Pro™ gas cylinder No. 1694 having a 1" 20 UNEF (CGA 600) male threaded connection. The FirePower torch has piezo ignition and consistent performance, even when turned upside down.

General Safety rules.

1. Read these instructions and the Safety Precautions Leaflet before using the torch. Keep the instructions in a safe place for future reference.
2. Using any fuel other than MAP-Pro™ or propane may cause a fire or explosion.
3. Do not point torch towards face, other persons or flammable objects or material.
4. Disconnect from gas cylinder when not in use. Never store with torch attached to cylinder.
5. Do not change cylinder or detach torch near naked flames or other ignition sources.
6. Never attempt to modify the torch or use unapproved fuel as this may cause the torch to become unsafe.
7. Handle the torch with care. DO NOT DROP or otherwise abuse it.
8. Do not use the torch if it is leaking, damaged or malfunctioning.
9. Always work in well ventilated areas and away from combustible materials.
10. Always place your work on firebrick. Ordinary brick and concrete can explode when subjected to a high temperature. Do not work on wood or metal surfaces. Always shield your work.
11. Always wear protective glasses and gloves. Use proper tools to handle hot work.
12. CAUTION; the burner tip becomes extremely hot during use. Take precautions to protect yourself and others from accidental burns. Keep torch away from children.
13. Always ensure that the torch is placed on a level surface when connected to a cylinder.

Assembly, Operation and Ignition.

1. Ensure the the gas adjuster knob is turned fully clockwise (DO NOT FORCE), also turn the ignition button in a clockwise direction to ensure the ignition safety feature is ON.
2. Keep the gas cylinder upright when fitting it to the torch.
3. Screw the torch on to the gas cylinder hand tight but firm.
4. Ensure a leak free connection is made. Check for leaks by using a suitable leak detecting fluid or a soap solution. Do not operate the torch if it is leaking. Disconnect the torch and contact your local dealer.
5. Use only Bullfinch disposable cylinders of propane (No. 1644) or MAP-Pro™ (No. 1694).
6. Examine the torch sealing washer every time that you connect the torch to a gas cylinder. If it is worn or damaged it must be replaced. Damaged or missing sealing washers can cause dangerous leaks.
7. Turn the gas adjuster knob counter-clockwise about a quarter of a turn. At this stage no gas is being released.
8. Turn the ignition button counter-clockwise to disengage the ignition safety lock.
9. Squeeze the ignition button slowly allowing gas to flow into the burner tube. Continue to squeeze until the torch is lit. If the torch does not light, squeeze the ignition button again.
10. To engage the ignition lock for continuous work, squeeze the the ignition button fully in and press the lock button on the top, then release the ignition button.



Flame adjustment.

1. Turn the gas adjuster knob to control the flame according to different applications.
2. The maximum heat zone is very concentrated. It is located approximately 13 mm to 25 mm from the end of the tip. Holding the torch too close or too far away from the target can reduce the heating effect.

Shut down and Storage.

1. Release the ignition button to extinguish the flame. If the ignition button lock is ON, squeeze the button fully in to release the lock.
2. Turn the valve OFF. Note: the flame may continue to burn for a short period of time if the torch has been operated in an inverted (upside down) position.
3. When the torch is cool, turn the gas cylinder counter-clockwise to disconnect it. Slightly squeeze the ignition button to vent the remaining gas inside the torch.
4. Turn the ignition button clockwise to engage the ignition safety lock.
5. Store the torch and gas cylinder separately. Read other cautions on gas cylinder label.

Cold weather operation.

In cold weather, the size of the flame can be smaller due to lower gas pressure. To produce a larger flame, pre-warm the gas cylinder to room temperature prior to use. Shaking the cylinder a few times to warm up the fuel will help. There is a possibility that the flame will extinguish when the torch is turned upside down in cold weather.

Warning.

LP gas is EXTREMELY FLAMMABLE AND THE CONTENTS ARE UNDER PRESSURE. Keep out of the reach of children, keep away from naked flames and other sources of heat. Follow all warnings printed on the gas cylinder. Do not breathe in gas, fumes or spray. If inhaled, remove affected person to fresh air. Avoid contact with skin and eyes. For skin contact, flush with large amounts of water. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. To encourage the safe disposal of empty Bullfinch gas cylinders, a valve extraction tool is available for the removal of the cylinder relief valve. Once the cylinder is empty and all the gas removed, it can be safely disposed of as scrap or recyclable steel. Ask your local stockist or visit our web site for more information.

Spare Parts.

The following items are available as spare parts for your FirePower torch.

USE ONLY GENUINE BULLFINCH SPARE PARTS

Item	Description
1	SP 3640 H Burner Tip
2	SP 3640 J Inlet Sealing Washer

