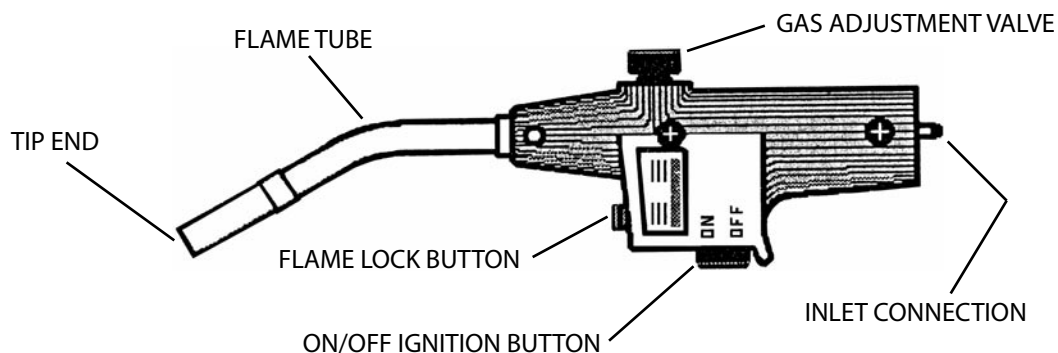


**PREST-O-LITE™ PZ-503 Self Lighting Torch - P/N 22533****CAUTION**

These INSTRUCTIONS are for experienced operators. If you are not fully familiar with the principles of operation and safe practices for air-fuel gas equipment, we urge you to read our booklet "Precautions and Safe Practices for Gas Welding, Cutting & Heating," Form 2035. Do NOT permit untrained persons to install, operate, or maintain this equipment. Do NOT attempt to install or operate this equipment until you have read and fully understand these instructions. If you do not fully understand these instructions, contact your supplier for further information.

**WARNING**

1. This is a flame producing device using pressurized Propane or Mapp fuel gas. This equipment will ignite instantly to produce an extremely hot temperature of over 2000 degrees and will heat or damage material in seconds. Heat from this torch can travel further than the eye can see. Make sure no combustible materials are unintentionally exposed to heat or flames. Disconnect torch from tank when not in use. Improper assembly, abuse or misuse can cause serious injury. Before each use, check for leaks. Do not use if leak cannot be corrected. Store fuel tank in a well ventilated area. This is not intended to be a complete training manual. Each situation has its own safety issues that the user must address.
2. Gas can get trapped inside the torch, even after the cylinder is removed. Always assume the torch has enough trapped gas to ignite and cause a dangerous situation. Point torch away from yourself and other items that can be damaged.
3. Always use torch in well-ventilated, non-enclosed work area to avoid possible health hazards from fumes.
4. Do not operate torch upside down or in a horizontal position as the tank will discharge liquid causing the flame to increase or flare up. If this happens, immediately turn the torch right side up or turn it off. When the liquid fuel has burned off or evaporated, the torch will then operate normally.
5. Keep combustible material away from or protected from the flame.
6. The torch's tip end will get very HOT and can cause a burn if touched.
7. Do not store the fuel tank in a room used for habitation, in a closed or confined space, near open flames, heaters, or in direct sunlight.
8. Do not leave work area hot.
9. Do not drop tank or torch or handle roughly.
10. Do not look into tip end or point at non-work objects.
11. Do not leave a burning torch unattended.
12. Do not leave the Ignition Button on and valve open when not in use.
13. Do not heat objects that contain or have contained flammable liquids or vapors.
14. Do not alter or tamper with the torch. Return torch for proper repairs.
15. Always keep out of the reach of children.
16. Always disconnect the torch from the tank when not in use.
17. Always wear eye protection when using the torch.
18. Always have water or a fire extinguisher ready.
19. Comply with all Federal, State and Local Government regulations and standards.



## INSTRUCTIONS FOR PROPER USE AND CARE

### ASSEMBLY

1. Prior to assembly, inspect o-rings, washers, connections and equipment for damage, dirt or grease. Do not use if damaged.
2. Before attaching the torch to the tank, turn ON/OFF Ignition Button to the OFF position and turn gas adjustment valve clockwise to the closed position. Do not force knob as it may bind or damage the valve.
3. Screw the torch onto the gas tank. Press down and turn clockwise. Hand tighten. Do not use a wrench or other tools to tighten.

### LIGHTING

## WARNING

Before each use check connections for leaks using a soapy water solution or leak detector fluid.

1. To light hand torch, turn Ignition Button to the ON position and turn the Gas Adjustment Valve counterclockwise then squeeze Ignition Button to light. If torch doesn't light turn Gas Adjustment Valve and squeeze button. Never look into tip end.
2. Push Flame Lock Button down when a continuous flame is desired. To release Flame Lock, squeeze and release Ignition Button.

### FLAME ADJUSTMENT

1. Adjust flame so that wide portion of flame is away from end of tip. If flame is too small, tip end will overheat beyond its normal heating to a red color. Obtain maximum performance by positioning the flame between 1 and 2 tip diameters from the object being heated.



TOO SMALL



CORRECT FLAME



TOO BIG

### TORCH SHUT-OFF

1. Release Ignition Button to shut flame off or squeeze Ignition Button and release when using the Flame Lock feature.
2. Disconnect the fuel tank from the torch. Do so in a well-ventilated area away from sources of ignition. It should be expected that trapped gas inside the torch will be expelled from the torch.
3. Point torch away from yourself and objects, then squeeze Ignition Button to release any additional trapped gas inside torch.
4. Turn the Ignition Button to OFF and close the Gas Adjustment Valve.

### STORAGE

1. Disconnect the torch from the fuel tank.
2. Store fuel tank in a well-ventilated area away from sources of ignition.

Be sure this information reaches the operator.  
You can get extra copies through your supplier.



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