INSTRUCTIONS for

PREST-O-LITE®

AIR-FUEL GAS TORCH EQUIPMENT

CAUTION

These INSTRUCTIONS are for experienced operators. It 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," Form 2035. Do NOT permit untrained persons to operate this equipment. Do NOT attempt to 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.

TO ASSEMBLE TORCH UNIT TO FUEL GAS CYLINDER:

1. Read Safety Precautions on page 3.
2. Make sure valve on torch unit is closed tightly by turning clockwise.
3. Screw torch unit on the cylinder outlet. Turn unit clockwise (cylinder counterclockwise) until unit is seated hand-tight. DO NOT USE A WRENCH OR OTHER TOOL TO TIGHTEN.

TO LIGHT THE TORCH:

1. Using a friction lighter, position lighter cup close to end of burner, with about a 30 to 45-degree angle between the bottom of the lighter cup and the axis of the burner as illustrated. Then open torch unit valve slightly and immediately actuate lighter.
2. After flame has been lit, adjust torch unit valve, if necessary, to secure desired flame.
3. Allow torch to warm up thoroughly, which takes several seconds, if you invert the unit so that the flame points downward. CAUTION: Prolonged operation of the unit in an inverted position may cause the flame to flare and suddenly elongate.

Lighting With Friction Lighter

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

1. Make sure valve - on torch unit is closed.
2. Unscrew burner from angle tube, using a wrench.
3. Remove orifice filter unit from end of tube or burner.
4. Install new orifice filter in end of angle tube. (See illustration below)
5. Screw burner onto angle tube and tighten with a wrench.

TO REPLACE ORIFICE FILTER:

If flame secured is insufficient, or unit refuses to light, a possible cause is clogging of the minute orifice in the orifice filter unit. It is impracticable to clean the orifice. Instead, install a new orifice filter. To do this, follow procedure given above under “To Change Burners”. If performance of torch after replacement of orifice filter is satisfactory, be sure to discard the old orifice filter.

REPLACEMENTS AND ACCESSORIES

PENCIL FLAME TORCH UNIT - 60F28
includes.

VALVE UNIT - 60F34

STEM - 60F33

PENCIL FLAME BURNER - 60F29

ORIFICE FILTER - 60F46

ACCESSORIES

DISPOSABLE FG-2 TANK 999313
DISPOSABLE PROPANE TANK 60F00
BRUSH FLAME BURNER 60F30
FRICITION LIGHTER 790F34
RENEWAL FLINTS 790F37

AVAILABLE PACKAGES

Multi-Purpose Propane Kit, P/N 60F26—Includes disposable propane cylinder, pencil flame torch unit, brush flame burner, friction lighter, and renewal flints.

Propane Torch Package, P/N 60F27—Includes disposable propane cylinder and pencil flame torch unit.

SAFETY PRECAUTIONS

1. Read and follow precautions on the cylinder label.
2. ALWAYS disconnect torch unit from cylinder when not in use for an extended period of time. Be sure to close the torch unit valve whenever unit is not in actual use to avoid accidental fires.
3. If you do not succeed in lighting a torch within two or three seconds after you’ve opened the tank valve, reduce the flow of gas and try again.
4. ALWAYS bear in mind that propane and FG-2 are extremely flammable when mixed with air and may form explosive mixtures with air. Operate appliances ONLY in well-ventilated areas. If you have any reason to suspect that any of the joints in the equipment are leaking, light the torch and then (using a brush) apply soapy water around the valve-to-tank connection, at the stem-to-valve connection, and at the stem-to-burner connection. If leakage is indicated by bubbling at any of those points, shut off the torch and tighten the connections. Relight and retest. Do NOT continue to use leaky equipment.
5. NEVER store or transport fuel gas cylinders in car trunks, drawers, cabinets or other confined spaces, or in any location where the temperature may exceed 120-deg. F (49 deg. C), or where sparks or flames may be present.
6. Do NOT use lighted torch in any place where flammable or explosive gases, liquids, or other materials may be accidentally ignited.
7. Do NOT leave lighted torch unattended. ALWAYS turn off torch when stopping work or when leaving work area.
8. Do NOT solder or heat a container that contains or has contained flammable liquids or vapors, such as gasoline, unless the container has been completely purged of all traces of flammable liquids and vapors.
9. Do NOT attempt to heat or warm the cylinder in any way to increase cylinder pressure or gas flow.
10. When the fuel gas cylinder is exhausted, ALWAYS discard it in a safe place. Do NOT puncture or incinerate. NEVER attempt to refill it with propane, FG-2, or any other gas.
11. Do NOT alter equipment. Use only recommended replacement parts listed on page 2.