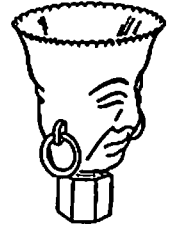


**MODERN HOME PRODUCTS**

The People That Pioneered Gas BBQ Grills and Gas Yard Lamps



**MODELS  
FT and PT**

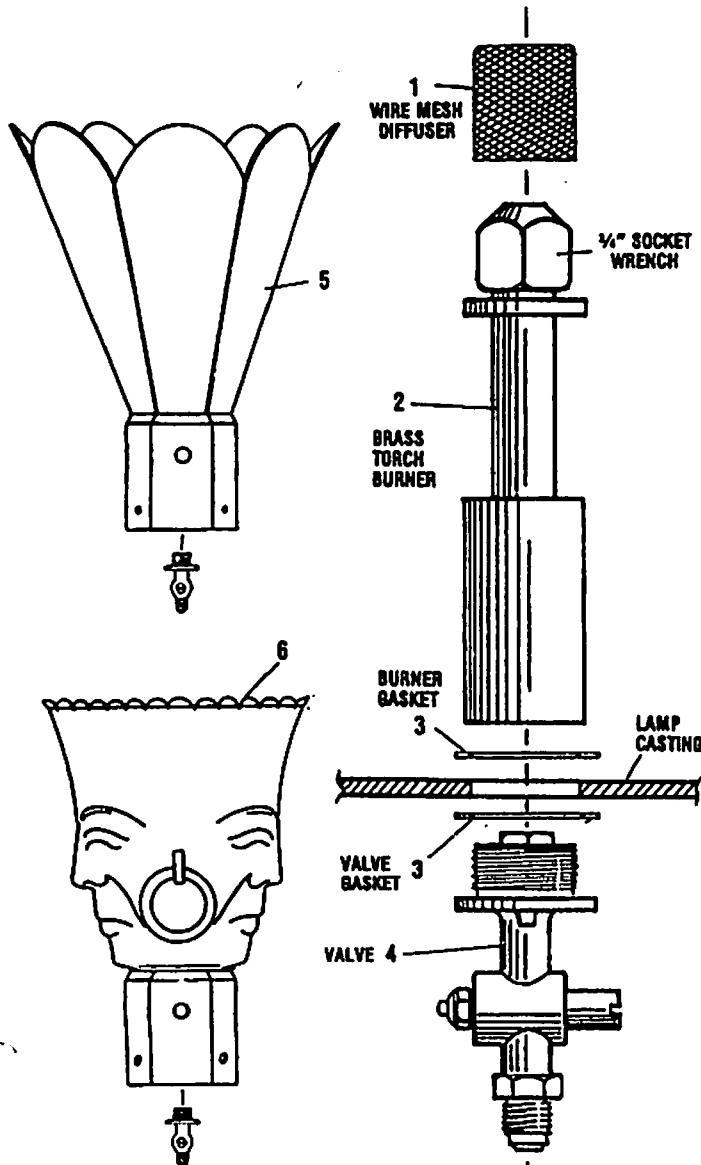
**GAS TORCHES, PARTS,  
INSTALLATION AND MAINTENANCE**

**SPECIAL NOTE**

Torches are set for 7" Water Column pressure on natural gas and 11" W.C. pressure for LP gas.

<p><b>FOR YOUR SAFETY</b> If you smell gas:</p> <ol style="list-style-type: none"> <li>1. Shut off gas to appliance.</li> <li>2. Extinguish any open flame.</li> <li>3. If odor continues, immediately call your gas supplier.</li> </ol>	<p><b>FOR YOUR SAFETY</b></p> <p>Do not place combustible materials near this appliance.</p> <p>Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.</p>	<p><b>FOR YOUR SAFETY</b></p> <p>The installation of this torch must conform with all local codes or, in the absence of local codes, with the latest edition of the National Fuel Gas Code ANS Z21.42-1993.</p>
---	--	---

**THESE INSTRUCTIONS SHOULD BE LEFT WITH THE CONSUMER.  
KEEP THESE INSTRUCTIONS FOR FURTHER REFERENCE.**



ITEM	PART NO.	DESCRIPTION
1	BR-SG	STAINLESS STEEL WIRE MESH DIFFUSER
2	LA-BTB	BRASS TORCH BURNER
3	LA-BTBG	BURNER GASKETS (2) UPPER & LOWER
4	LA-GLV N	GAS VALVE, BRASS, Natural Gas (Specify Natural Gas or L.P.)
4	LA-GLV P	GAS VALVE, BRASS, Propane (Specify Natural Gas or L.P.)
5	LA-FT	FLOWER TORCH CASTING W/ SLIP FITTER CAST ALUMINUM
6	LA-PT	POLYNESIAN TORCH CASTING W/SLIP FITTER CAST ALUMINUM

**NOTE:** Both the Flower Torch and the Polynesian Torch are made to be mounted on a standard 3" O.D. gas lamp post. (MHP Part No. POB, black post. Part POB-I is black post with internal copper tubing. POW is white post, POW-I is white post with copper tubing internal.)

**ALSO, IT IS VERY IMPORTANT TO USE THE PROPER GAS VALVE MODEL FOR NATURAL GAS OR FOR L.P. GAS — There is a difference! Make sure you specify!**

These torches are designed to perform admirably under a variety of weather conditions, but strong wind gusts and/or rain may extinguish the flame. If this occurs, simply turn the gas OFF at the torch valve, let any remaining gas dissipate and clear for a few minutes, and relight if conditions improve.

The sheer nature of having a visible yellow flame will result in some smoke or soot during operation, especially on LP gas.

## POST & TUBING

The proper post and copper tubing selection is essential. Your local gas company or an authorized MHP Distributor can supply these parts. It is recommended that internally tinned  $\frac{1}{4}$ " soft copper tubing be used although tubing without tinning may be substituted.  $\frac{1}{4}$ " flare nuts should be used on both ends. The MHP part number for a 3" post with internals is POB-1 (Black) or POW-1 (White).

\* NOTE: The torch is for outdoor installation only and must be installed at least 60" (5 ft.) in any direction from any combustible materials.

### POST INSTALLATION

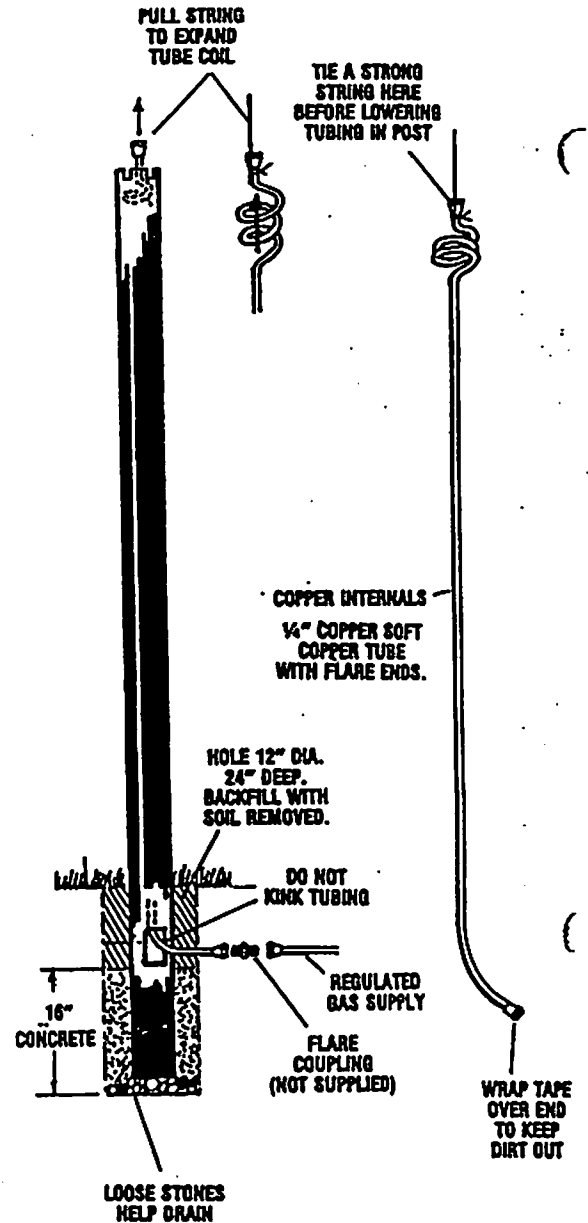
1. Dig a hole approximately 12 inches in diameter and 24 inches deep. Place some large gravel at the bottom for the post to rest on.
2. Set the post in the center of the hole. Brace the post in a plumb (vertical) position and pour concrete (about 1.80 lb. bag) around the post to just below the gas line access hole. LET THE CONCRETE SET HARD BEFORE CONTINUING.
3. Trench the gas line from the house. There must be a gas shut off valve in a convenient location on the gas supply line. The trench can be 8" to 10" deep and the gas line can be protected from accidental digging by laying some treated boards on top before back filling.

### PUT TUBING IN POST

1. Put some tape over the lower end of the copper tubing before lowering it into the post. This will keep dirt out until the connection is made. Also, tie a piece of strong string on the upper end of the tubing. As the tubing is lowered, gently pull the lower end from the access hole forming a slow curve out to the trench. Try NOT to kink the tubing. If a kink occurs, squeeze the tubing at the kink with pliers to reform it.
2. Connect the internal tubing to the gas supply line in the trench using a flare coupling (not supplied) of  $\frac{1}{4}$ " on the torch end and fitted to the supply line flare on the other end. No sealant is necessary for flare fittings. USE TWO WRENCHES FOR TIGHTENING.
3. At the top of the post, pull the string to stretch the copper tubing coils and raise the top flare fitting. Remove the string.

### INSTALL TORCH

1. Holding only the valve, screw the upper  $\frac{1}{4}$ " flare nut to the valve bottom. Use two wrenches and tighten.
2. Put a fiber washer over the upper section of the valve and insert the valve into the center hole in the bottom of the torch. Carefully lower the torch onto the valve and the torch onto the post. Take care not to crimp or kink the tubing.
3. Align the slot in the top of the post with the screwdriver access hole in the torch collar AND align the valve ON/OFF stem with the access hole also. Tighten the lock screw in the collar to hold the torch to the post. The torch may be repositioned to face a different direction after the valve and burner are tightened together by loosening the collar lock screw.



4. Drop a second fiber washer inside the torch over the valve and thread the torch burner onto the valve. Keep the valve from turning by inserting a screwdriver through the access hole in the collar. Tighten the burner using a  $\frac{3}{4}$ " socket wrench while holding the valve.
5. Be certain the torch gas valve is in the OFF position (screwdriver slot horizontal). Turn on the main gas supply and check all connections for leaks. Use a 50/50 mix of detergent and water. Retighten all leaks as necessary.
6. Using a long butane lighter or suitable fireplace match, turn on the torch valve and light the torch at the top of the diffuser screen. THE INITIAL LIGHTING MAY GENERATE A QUICK BURST OF FLAME.

**CAUTION:** While in operation and for some time after extinguishing, the torch body will be very hot!