Please Read All Instructions and Save These Instructions For Future Reference.

• This device is intended for outdoor use only.
• This unit is designed for a vapor-withdrawal LP-Gas cylinder only.

GF-2011
Multi-purpose Flamer

Assembly and Operating Instructions

IMPORTANT WARNINGS:

DO NOT OPERATE THIS EQUIPMENT IF:
• You are subject to seizures, loss of consciousness, or fainting.
• You have been drinking alcohol, using illicit drugs, or prescription drugs that might affect your judgment or balance.
• You have not read or do not understand the operator’s manual.
• You are not capable of safely operating this type of equipment.

DO NOT ALLOW CHILDREN TO OPERATE THIS EQUIPMENT.

FOR YOUR SAFETY!
If You Smell Gas:
1. Shut off gas to the device.
2. Extinguish any open flame.
3. Check the device for leaks using soapy water.
4. DO NOT attempt to relight the device until leaks are repaired and there is no gas smell.

DO NOT use this device in areas where gasoline or other liquids having flammable vapor are stored or used.
To Assemble:

Note: Unpack and inspect for damage.
A. Slide handle into one of the receiver brackets in the configuration of your choosing. Secure with a 3/8 x 1/2 bolt (17).

B. Connect the 54” Rubber LPG Hose (4) to the 1/4 Female x 3/8 Male Flare Elbow (12). Do Not Over tighten.

C. Place LPG Cylinder onto the cylinder platform and secure with the nylon tank strap. See cover photo to see how the strap threads through the heat shield.

Connecting To The Supply Cylinder:

The propane supply cylinder used with this torch should be no less than 20 lb. capacity and must be designed, fabricated, tested and marked in accordance with regulations of the U.S. Department of Transportation, the Canadian Transport Commission or the Interstate Commerce Commission. Supply cylinders must be arranged to provide for vapor withdrawal from the operating cylinder.

1. Inspect the nut/nipple of the P.O.L. connection on the LP-Gas hose. Check for dents or physical damage. The O-ring should be present on nipple fitting. If damage is evident, call for replacement parts.

2. Be certain the supply cylinder valve is fully turned off. Remove the protective plastic plug from the cylinder valve outlet connection.

3. Connect the P.O.L. nut/nipple fitting on the hose to the propane supply cylinder by turning the left hand threaded P.O.L. nut counter clockwise into the cylinder valve outlet. Snug the connection tight with a wrench. DO NOT OVER TIGHTEN.

Lighting Instructions:

IMPORTANT NOTE
The P.O.L. contains an integral flow-check valve. Opening the LP-Gas cylinder valve rapidly can cause the valve to check. If the P.O.L. flow valve checks, close the LP-Gas cylinder valve, wait 10-15 seconds and slowly open the LP-Gas cylinder valve.

• If no leaks are found, proceed with lighting the torch.
• Always use a flint lighter to ignite the torch. DO NOT USE MATCHES OR CIGARETTE LIGHTER TO IGNITE THE TORCH.
• Be certain the flame adjusting valve is closed before opening the LP-Gas cylinder valve.

1. Slowly open the LP-Gas cylinder valve. Check all gas connections to the torches for leaks with a leak detection solution, such as soapy water. Leaks will be indicated by forming bubbles around the source. Please allow one minute for bubbles to appear. Repair all leaks and retest for leaks prior to lighting torches.

2. Open the flame adjusting needle valve 1/8 turn or until a small amount of gas is heard escaping. Using a flint lighter, ignite each torch. Do not place your hand or any part of your body in the path of the burners while lighting or operating the unit. DO NOT USE MATCHES OR CIGARETTE LIGHTER TO IGNITE THE TORCHES.

3. Adjust regulator to the desired pressure. Lower pressure settings conserve fuel. Use the lowest setting that will allow you an adequate rate of application.

4. Adjust the final size of the flames by using the flame adjusting needle valve.
NOTE: Where shaft collars are used to secure wheels or manifold, be sure set screws are installed to line up with small drilled depression in shaft.
Operating Notes:

1. The torch manifold angle may be adjusted by loosening the lock collars (D) holding the manifold bar. The manifold may also be adjusted in or out from the unit by loosening the 3/8 x 1/2 bolt and sliding the tee bracket.

2. The wheel width may also be adjusted by loosening and moving the lock collars on the axle. The handle may also be assembled in a number of positions depending on which bracket you slide it into and which direction you point the “L” of the handle.

To Shut Down:

1. Close the LP-Gas cylinder valve.

2. Allow the gas to burn out of hose. After the flame is no longer visible, turn the flame adjusting valve to the closed or “off” position. TO RESTART follow lighting instructions.

Disconnecting From Supply Cylinder:

1. Be certain supply cylinder valve is turned off.

2. Disconnect the P.O.L. nut/nipple fitting on the LP hose to the propane supply.

3. Replace the protective plastic plug into the cylinder valve outlet.

Safety Check List:

• Gloves should be used at all times. Long sleeves, long pants & boots are recommended.

• Use only with cylinders equipped with vapor withdrawal valves.

• Secure cylinders in a level, upright position. Do not invert or lay cylinders on their sides.

• Do not apply flame to cylinders to check for leaks or to increase gas pressure.

• Keep torches, open flame and sources of ignition away from cylinders, regulators and hose.

• Do not operate torches or any equipment if the odor of LP-Gas is evident. Immediately shut off all valves and, using soapy water, check all equipment for leaks.

• Cylinder valves must be protected. Do not hoist a cylinder by the valve.

• Do not leave the unit unattended while in operation.

• This equipment is for outdoor use only with adequate ventilation.

• Have a type ABC fire extinguisher on the job site, easily accessible to the person operating the unit.

WARNING:

Use extreme caution at all times. You are using an intense open flame. This torch produces an extremely hot and nearly invisible flame. Read and follow the Safety Check List and Daily Equipment Check List before attempting to operate this torch.

CAUTION

• Propane is heavier than air which can cause it to accumulate in low areas. Be certain all areas are well ventilated.

• Propane has a distinct ODOR. If you smell it, IMMEDIATELY discontinue work, extinguish all flames, locate the leak and correct it, ventilate area before lighting torch.

• Use extreme caution at all times. This device has an intense open flame. Disregard of safe practices can result in severe fire damage, personal injury, or possible death.

• Never direct torch flame toward any person or animal.

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