

MagTorch

Model MT 48 EXT

Instructions and Operation Manual

IMPORTANT! PLEASE READ INSTRUCTIONS CAREFULLY

Save these Instructions

DANGER

Extremely Flammable Gases Used With Torch – Fire/Explosion Hazard – Carbon Monoxide Hazard

Know and use all Safety Precautions before any operation.

There are many hazards to be considered when using the *MagFire* equipment. Use extreme caution. This instruction is offered as a practical guide for safe operation of the equipment. Do not permit anyone to use the equipment who has not read the instructions. Familiarize yourself with the equipment before lighting and using. Failure to comply with the instructions and warnings may result in damage to property, serious personal injury or death.

Warnings

- Keep out of reach of Children.
- Use with Propane or MAP//Pro™ gas only. Do not use non-approved fuels.
- Use in upright position and DO NOT use torch with the fuel cylinder tipped more than 60° from its upright position or flare up can occur.
- Always have a fire extinguisher close at hand.
- Always point the equipment and torch away from your body, other persons and flammable objects.
- Be cautious when using outdoors. Inspect the area and remove any combustible materials.
- Do not operate equipment around motor vehicles or in enclosed area where flammables such as gasoline, oil or diesel fuel are present.
- Before igniting torch, inspect hose and connections for wear and tear.
- Never leave a lighted torch unattended.
- Never leave a lighted torch on the ground. Danger of tip over can occur.
- The tip of the torch can get extremely hot during use. Use caution.
- Use in well ventilated areas. The torch consumes oxygen and produces carbon monoxide.
- Wear protective clothing and protections for eyes and hands, such as gloves and goggles.
- Never use for paint stripping, removal of lead-based paint, or use near aerosol cans or container that previously contained chemicals or flammable materials, liquids or gases.
- When brazing, wear goggles having ANSI Z87.1.2979 ANSI No. 4 or No. 5 lenses. Avoid contact of flux with eyes or skin.
- Do not drop or otherwise abuse the torch.
- Do not use a torch that is leaking, damaged or malfunctioning.
- Do not modify equipment or torch assembly.
- Shut off Tank Valve and remove equipment and torch from cylinder when not in use

More Warnings

- Refer to NFPA pamphlet 58. Standard for the Storage and Handling of Liquefied Petroleum Gases and ANSI Z49.1, Safety in Welding and Cutting, for more information. This information in no way constitutes a complete safety program.

STATE OF CALIFORNIA ONLY

- WARNING: This product, when used for flame processes, produces fumes, particulates, residues and other by-product known to the State of California to cause cancer and birth defects or other reproductive harm.
- WARNING! This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.
- WARNING: Handling the brass parts of this product will expose you to lead, a chemical known to the State of California to cause birth defects and other reproductive harm. Wash hands after handling.

Setup and Assembly

1. Connect hose fitting to torch by turning clockwise
2. Turn off the knob of the fuel valve then thread cylinder into fuel valve clockwise hand tight. Do not use tools or over tighten.

Test Leakage

To check for leakage at all gas connections use soapy water or suitable leak detection solution. Close torch shut-off valve and then **slowly** open the fuel tank shut-off valve. If leakage is found, (bubbles indicate a leak) check the connection and retighten the leaking connections. Do not light the torch if leaks are present. Close the fuel tank shut-off valve after testing. Never attempt to use the torch if you detect a leak.

Do not use the torch if the hose swells during operation. The hose may rupture unexpectedly and cause injury or damage. If the hose swells stop using the torch. Disconnect the fuel valve from the cylinder and then re-open the valve to bleed the hose. Replace the torch assembly before relighting.

Shutting Down Equipment

1. Turn of the knob of the fuel valve. Burn the remaining gas in the hose.
2. Thread cylinder of the fuel valve by turning counter-clockwise.
3. Turn torch valve OFF.
4. Disconnect hose fitting from torch by turning counter-clockwise.
5. Remove all equipment from cylinder. Do not attempt to store a "hot" or recently burned torch. Allow time for the unit to cool down.
6. Store the equipment in compliance with state or local regulations. Never store in rooms used for habitation or near a source of heat or ignition.

MAGNA INDUSTRIES, INC.

2233 W. 110TH STREET CLEVELAND OH, 44102
PHONE: 216-251-3334 FAX: 216-251-7778