Safety Information:

Safety publications related to safe practice and use:

CSA 2-94  “U.S. Requirements for Hand-Held LP Torches for use with fuel supply”

ANSI Z49.1  “Safety in Welding and Cutting”

NFPA 54  “National Fuel Gas Code”

NFPA 58  “Standard for the Storage and Handling of Liquefied Petroleum Gases”

Hotspotter® is a registered trademark of Western/Scott Fetzer Company
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440.871.2160 ~ 800.783.7890
www.westernenterprises.com

WARNING: This product contains chemicals, including lead, known to the state of California to cause cancer and birth defects or other reproductive harm.

Wash hands after handling.
Removing Paint

Killing Weeds

⚠️ CAUTION ⚠️

- DO NOT smoke around or expose supply tank(s) to open flames or sparks.

Storage:

Never store a torch that is still hot. When the torch is stored indoors, the connection between the LP gas tank(s) and the device must be disconnected, and the tank(s) removed from the device and stored outdoors in accordance with Chapter 5 of the “Standard for the Storage and Handling of Liquefied Petroleum Gases”, ANSI/NFPA 58.

⚠️ CAUTION ⚠️

- DO NOT smoke around or expose supply tank(s) to open flames or sparks.
- The hose assembly shall be protected from traffic, crushing, and hot surfaces. This may cause premature wear of the hose.
- DO NOT lift tank by the valve. Lifting the tank by the valve may result in damage to the valve.

NOTE:

- Storage temperature shall not exceed 120° F (49° C).
- Place tank on level surface in an upright position. Do not invert or lay tank on its side.
Safety Guidelines:
This manual contains information that is very important to know and understand. This information is provided for SAFETY and to PREVENT EQUIPMENT PROBLEMS. To help recognize this information, observe the following symbols.

⚠️ DANGER ⚠️ Danger indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.

⚠️ WARNING ⚠️ Warning indicates a potentially hazardous situation which, if not avoided, MAY result in minor or moderate injury.

⚠️ CAUTION ⚠️ Caution indicates a potentially hazardous situation which, if not avoided, MAY result in minor or moderate injury.

NOTE:
Note indicates important information that if not followed, may cause damage to equipment.

Read and understand instructions before use!
Retain this information for future reference.

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 all leaks are repaired and there is no gas smell.

DO NOT use this device in areas where gasoline or other liquids having flammable vapors are stored or used.

⚠️ WARNING ⚠️ Never store a torch that is still hot.

Maintenance:
Prior to each use:
1. Inspect all components of the device for damage, excessive abrasion or wear. If the hose is cut or is more than 5 years old, it must be replaced prior to operation.
2. Verify that all connections are tight. The nozzle stem assembly should not swivel or rotate where attached to the Turbo Blast Valve Trigger, tighten any loose joints.

⚠️ WARNING ⚠️
- If the hose is damaged it can create leakage that could result in a fire hazard.
- If the nozzle stem assembly swivels it will allow leakage that could result in a fire hazard.

3. Inspect LP gas tank for dents, damage to collar, damage to shut-off valve or corroded foot ring. If dents, damage to collar, damage to shut-off valve or corroded foot ring are present, the LP gas tank must be replaced prior to operation.

⚠️ WARNING ⚠️
- If the tank is damaged it could rupture resulting in personal injury and/or property damage.

4. Perform a leak test following instructions on page 7.
5. Ignite the torch according to lighting instructions. Check operation of adjusting valve and all other components prior to proceeding.

Periodically:
1. Remove any debris or combustible materials from torch. The torch must be kept clear and free of combustible materials.
2. The surface of the device should be cleaned with soap and water. Do not use petroleum based or flammable cleaner on any part of the device.

If the hose is damaged it can create leakage that could result in a fire hazard.

If the nozzle stem assembly swivels it will allow leakage that could result in a fire hazard.

If the tank is damaged it could rupture resulting in personal injury and/or property damage.
Torch Use:
1. Point torch at what you want to heat and pull Turbo Blast Trigger to intensify the size of the flame (see Figure 7).
2. Release trigger to bring flame back to minimal level.

NOTE: If you have the torch gas valve open too high, when you pull the Turbo Blast Trigger, the flame will tend to “blow out” and require re-ignition.

To control the size of the flame:
1. There is an adjustable brass knob used to limit the distance the Turbo Blast Trigger can move. Turn the valve clockwise for a smaller flame.
2. Turn it counterclockwise for a larger flame.
3. As a safety precaution, these units are equipped with an excess-flow check valve that shut off the gas in the event of a damaged or severed hose. If you allow the flame to grow too large, the excess-flow check valve will automatically shut off gas flow to the torch.

Shut-Off Instructions:
1. To extinguish the flame, close the torch gas flow valve.
2. Close the propane cylinder valve.
3. Open the torch-gas valve briefly to release any residual gas left in the hose.
4. Make certain that torch is completely cooled before storing. The torch nozzle will be very hot. Do not touch it or rest it on anything that can be damaged by heat.
5. Disconnect the POL nut/nipple (located at end of hose assembly) from supply tank by turning clockwise.

NOTE:
• Place tank on level surface in an upright position. Do not invert or lay tank on its side.
• Gloves should be worn at all times when operating this device. Long sleeves, long pants and boots are recommended.
• Have an ABC type fire extinguisher readily accessible to the job site.

NOTE:
• Place tank on level surface in an upright position. Do not invert or lay tank on its side.
• Gloves should be worn at all times when operating this device. Long sleeves, long pants and boots are recommended.
• Have an ABC type fire extinguisher readily accessible to the job site.
Lighting Instructions:

NOTE:
- The hose assembly is supplied with an excess flow control valve. Opening the supply tank shut-off valve rapidly can cause the valve to close. If the excess flow valve closes, close the supply tank shut-off valve. Open torch adjusting valve to release any residual gas left in the hose. Close torch-adjusting valve and wait 30 seconds. Slowly open tank shut-off valve.

1) Be sure the torch gas valve is closed tightly-turn tight clockwise (see Figure 5).
2) Open supply tank shut-off valve.
3) Conduct leak test as specified on page 7.
4) With torch nozzle pointed away from any flammable material, open torch gas valve ⅛ of a turn (until you hear gas flow).
5) Press the Piezo igniter switch near handle (see Figure 6.)
6) Adjust flame to a minimal level using the torch gas valve.

<table>
<thead>
<tr>
<th>ITEM</th>
<th>DESCRIPTION</th>
<th>QUANTITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Torch Assembly</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>Hose Assembly</td>
<td>1</td>
</tr>
</tbody>
</table>

**CAUTION**
- Use only genuine Western replacement parts.
- Never substitute parts.
- Do not use modified parts.

### OPERATING CHARACTERISTICS

<table>
<thead>
<tr>
<th>Model</th>
<th>BTU</th>
<th>Operating Temperature Range</th>
<th>Inlet Pressure Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>WB-100</td>
<td>500,000</td>
<td>-10°F to 100°F</td>
<td>17 psi to 145</td>
</tr>
</tbody>
</table>
Assembly Instructions:
Unpack all the components and inspect for any damage. If any damage is discovered contact the delivery service or Western Enterprises immediately.

Hose to torch:
Connect the gas line to the torch handle and hand tighten
NOTE: This is a left-handed thread connection.

Connection to the Supply Tank:

NOTE:
- The LP (Liquid Petroleum) gas tank used with this device should be no less than a 20 lb. capacity. It should also meet or exceed NFPA 58 “Standard for the Storage and Handling of Liquefied Petroleum Gases”.

1. Inspect the nut/nipple (excess shut-off valve) connection of the hose assembly. Check for any dents or damage. The o-ring must be present. If damage is found or the o-ring is missing call Western for the proper replacement parts.
2. Connect the hose fitting to the shut-off valve of LP gas tank and tighten counterclockwise.
NOTE: This is a left-handed thread connection (see Figures 3 and 4).

Leak Test:
1) Be sure the torch gas valve is closed tightly - turn tight clockwise (see Figure 5).
2) Slowly open the supply tank shut-off valve.
3) Test all connections for possible gas leaks using leak test solution. (Western #LT-100 leak test solution will dry “clean” and will not harm components.)
4) Verify that the torch assembly is properly tightened. (The device should not swivel). If the nozzle or stem should rotate, tighten the connection by the Turbo Blast Trigger until secure.
5) If a leak occurs at:
- Torch-gas valve:
  • Close supply tank shut-off valve, bleed off gas, and retighten connection counterclockwise.
  • Contact Western for the proper replacement parts.
- Torch-hose connection:
  • Close supply tank shut-off valve, bleed off gas, and retighten connection counterclockwise.
  • Slowly open supply tank shut-off valve and retest connection.
  • Repeat if necessary. (If leakage continues, inspect components for damage.)
- Supply tank shut-off valve:
  • Close supply tank shut-off valve, bleed off gas, and retighten connection counterclockwise.
  • Slowly open supply tank shut-off valve and retest connection.
- Torch Assembly: (stem to Turbo Blast Trigger.)
  • Close supply tank shut-off valve, bleed off gas, and retighten connection clockwise.
  • Repeat if necessary. (If leakage continues inspect components for damage.)

△ CAUTION

- This device is designed for vapor withdrawal from LP gas tank(s) ONLY. Use of any other gas may result in device failure or personal injury.
- DO NOT operate if any leaks are present. A leak may create a fire hazard.
- DO NOT smoke around or expose supply tank(s) to open flames or sparks.
- DO NOT apply heat or flame to tank to check for leaks. Excess heat may cause the supply tank to rupture possibly causing personal injury.