

The Orca MP99 torch 114.259 is a compact, portable and refillable butane torch like other refillable butane torches but better as it shares the same precision gas flow regulator knob and atmospheric air regulator adjuster found on the more expensive EZ torch. You get a wider range of operating temperatures and flame sizes compared to other types of refillable hand torches.

The Orca MP99 includes one small tip, part number 114.252. This is the same small tip as used on the EZ Torch. The medium 114.253 and larger 114.254 EZ Torch tips can also be used on the Orca MP99 and are available separately.

Specifications:

- **Nozzle diameter:** 2mm (5/64")
- **Maximum Temperature:** 2280F (1250C)
- **Run Time on Full Charge:** 40-120 minutes
- **Fuel Type:** Butane
- **Fuel Capacity:** 25 grams (0.8 ounce)
- **Tank Diameter:** 32mm (1-1/4")
- **Length:** 200mm (8")
- **Net Weight:** 250 grams (8.8 ounces)

READ INSTRUCTIONS BEFORE OPERATING. KEEP OUT OF REACH FROM CHILDREN

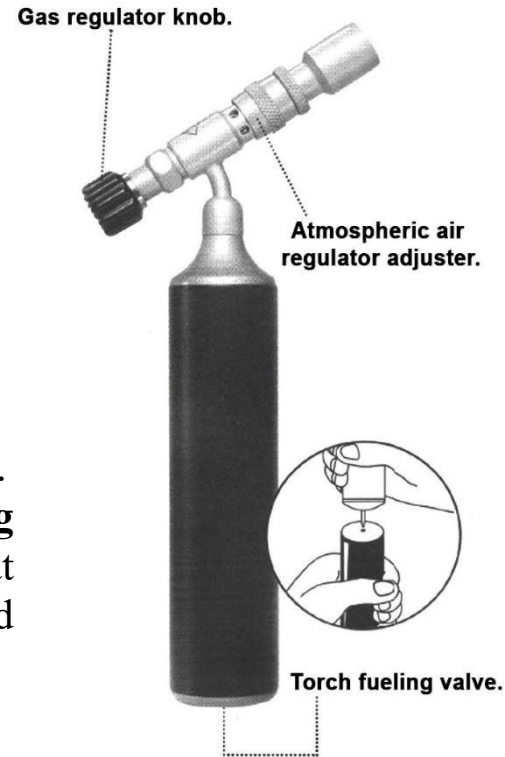
Instructions:

The torch is sold empty without fuel. You will need to purchase separately a pressurized butane fuel source, like **Bernzomatic Butane Fuel**. See our number 114.214. Butane fuel is available online or at hardware stores and many other outlets. **Always make sure the torch is empty of fuel before re-fueling. Do not attempt to fill the torch with the separate torch base attached.**

CAUTION: Butane fuel is flammable. Fueling must be done in a well-ventilated area away from any open flames.

The first time you filled the empty torch follow these steps:

1. **Remove the torch base from the bottom of the torch.** The torch base adds space between the Torch fueling valve and the fill nozzle that can prevent a good seal.
2. Make sure the **gas regulator knob** is fully closed by turning the knob clockwise until it stops.
3. Fill the torch with both the torch and the butane fuel turned upside down in the vertical position. The torch head/tip on bottom so **torch fueling valve** is showing, the butane fuel on top with the fill nozzle facing down.
4. Seat the nozzle of the butane fuel in the **torch fueling valve** and press the butane fuel canister down so that the **torch fueling valve** opens to accept the pressurized butane fuel.
5. If there is an overspray/leakage of fuel, stop filling. Rock the nozzle of the butane fuel back and forth until a proper seal is made between the nozzle and the torch fueling valve.
6. Do not fill for longer than 30 seconds.
7. Separate the butane fuel from the torch.
8. Wipe away any overspray.
9. Place the torch upright and let the torch sit for 1 to 5 minutes to allow the gas to stabilize before lighting the torch.



CAUTION: If gas is sputtering out of the torch fill hole there is too much pressurized fuel inside the torch canister. Slowly open the **gas regulator knob** and release excess fuel until the sputtering stops. If there is any overspill at the **torch fueling valve** wipe it off with a cloth. Dispose of any cloth used for wiping away butane fuel residue properly as cloth is now flammable.

CAUTION: Do not attempt to light torch with gas is sputtering or there is any fuel residue on the outside of the torch.

CAUTION: Do not touch the burner while it is hot

CAUTION: Do not leave the torch in the sun. Do not store or operate in conditions where the temperature exceeds 105° F (40° C).

Lighting & Using the Torch

- Make sure that the **atmospheric air regulator adjuster** is in its fully closed position. It is fully closed when the air holes are no longer visible.
- Open the **gas regulator knob** about half a turn. No need to open completely, which would be about 2-1/2 turns. As soon as you notice the sound of the gas escaping from the torch tip, light the torch using a match, a lighter or a torch sparker.
- Once ignited, use the **atmospheric air regulator adjuster** to add air to the fuel mixture and use the **gas regulator knob** to add more fuel as needed.
- A wide variety of flame sizes are available by adjusting both controls to achieve your desired intensity.
- Optimum fuel economy is with a 1" (25mm) flame.
- A blue flame is hotter.
- To extinguish the flame, close the **gas regulator knob**.
- Make sure the **gas regulator knob** is closed when not in use

Refilling Torch After Initial Filling

Make sure the torch is empty before filling. Run the torch completely down. Then open the **gas regulator knob** to disperse the remaining fuel.

1. **Remove the torch base from the bottom of the torch.** The torch base adds space between the Torch fueling valve and the fill nozzle that can prevent a good seal.
2. Make sure the **gas regulator knob** is fully closed by turning the knob clockwise until it stops.
3. Fill the torch with both the torch and the butane fuel turned upside down in the vertical position. The torch head/tip on bottom so **torch fueling valve** is showing, the butane fuel on top with the fill nozzle facing down.
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