



## ORCA TORCH INSTRUCTIONS

### The Orca Torch

The Orca Torch is a highly versatile, very portable torch used with propane and room air for soldering, annealing, and general craftwork. Two versions are available: one models used with a 14.1 oz. disposable propane tank and the other model is used with 5 lb. refillable propane tanks. Concentrated flame reaches temperatures up to 2400° F (1315° C). The torch operates on direct tank pressure, which means that it is not necessary to purchase a separate pressure regulator, because each torch is provided with a valve that is attached to the tank and which reduces the fuel tank pressure to a preset, lower pressure. This valve provides a perfectly controlled, stable flame. And yet, for all its practicality, the Orca Torch is a precision instrument. Complete torch outfits include the torch body, three torch tips, and preset tank valve. Torches sold without propane tanks.

This torch works indistinctly with propane, butane or any mixture among both gases...

For a Satisfactory use we recommend the following cares

- .-Do not utilize it as a hammer or to strike objects.-
- .-Use an adequate wrench for do the connection to source gas. .
- .-Never dismantle the mechanism of gas regulation.

The orca torch is manufacturing under strict quality control procedures.

*The torch is comprised of the following parts:*

*A - Torch Body*

*B - Three Tips (small, medium and large).*

*C - Hose 3/16"x 50"Long.*

*D- Knob.*



*You can use this torch in two ways.*

#### 1. - With Disposable propane gas tank



#### 2. - With refillable propane gas tank



## Accessories for The Orca Torch



Torch Body



Valve for Disposable Tank



Valve for Refillable Tank



Tips (Small, Medium, Large)



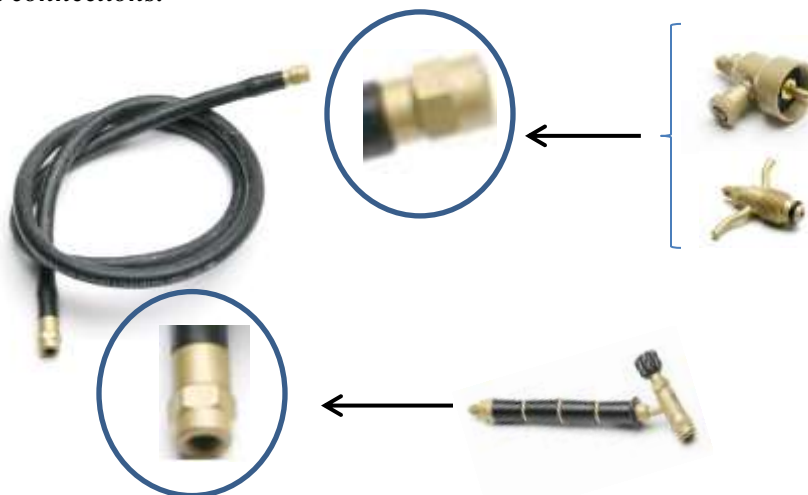
Hose 3/16"x 50 "



Knob

## Installation Instructions

One time you choose your gas source (From disposable or refillable tank), connecting the torch with valve using the 50" hose. The Hose has two ends, the longer will be connected to the torch handle (due to that the body torch should rotate freely once connected), the shortest to the selected gas valve. Use 1/2" wrench and snug up the connections with an appropriate torque. (Do not over tighten). Select the tip for your purpose and connect it to the torch. Close both valves (torch and tank) before threading on. Always check for leaks using soapy water in all connections.



Body Torch to Valve connection



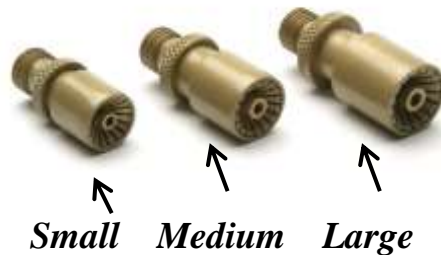
Tip connection

# Operating *The Orca Torch*



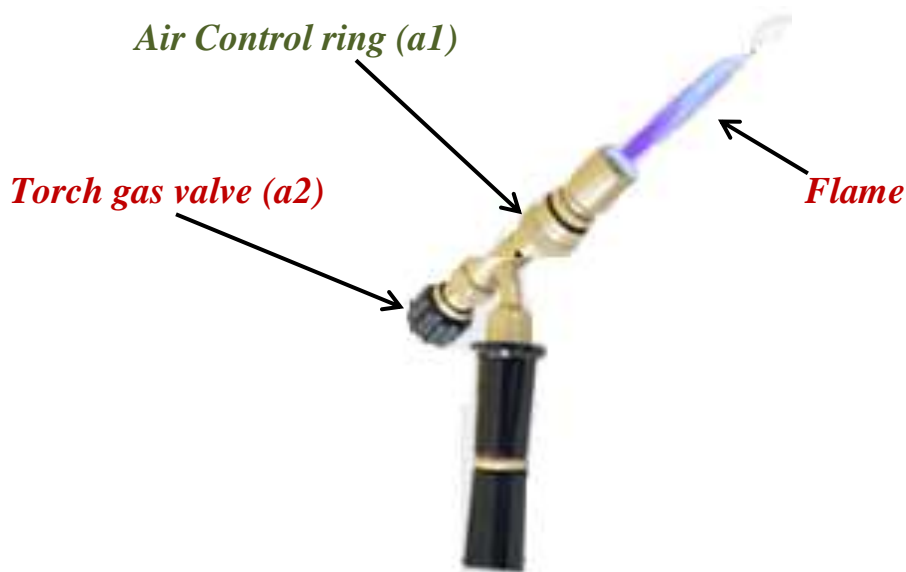
***Follow these simple steps to operate your Orca Torch. Be sure all valves are closed (tank and Body torch).***

***1. - Select appropriate tips according with your work.***



***2.- In order to Light the Orca torch, open tank valve close the air control valve(a)***

- A. - Open the Tank valve.*
- B. - Close the air control ring ( a1).*
- C.- Open the Torch gas valve(a2) slightly to start gas flow.*
- D.- Light the gas using an appropriate lighter.*
- E.- Adjust the desirable flame. Open the air control ring(a1) for achieve a proper blue flame. Adjust flame controlling the torch gas valve and the air control ring (a1)*
- F. - One time finish work, close the tank valve and torch gas valve, also bleeding down the hose for safety purpose.*



The Orca Torch is designed to be used by professionals in an appropriately controlled environment. Remember always safety regulations.

*Waymil, LLC*