

Frequently Asked Questions

Whether you're seeking a torch tutorial, product information or inspiration for your next project, we can help. Below are answers to the most frequently asked questions we receive about our torches, fuel cylinders and accessories.

Which torch do you recommend for a DIYer?

The TS3500 Multi-Use Torch is a versatile torch well suited to a variety of tasks, including light soldering, lighting grills, loosening rusted bolts and softening putty or paint. It features an automatic ignition that instantly ignites the flame without the hassle of a spark lighter.

Which torch do you recommend for a professional contractor?

The TS8000 Max Heat Torch works well for many heavy duty tasks. Its ultra-swirl flame provides maximum heat for large diameter soldering or brazing. Its durable cast aluminum body is built to last.

Which fuel should I use for my project?

Butane: Well-suited for soldering electronic circuits, heat shrinking and jewelry design and repair.

Propane: Ideal for small soldering jobs, softening putty or paint and loosening rusted bolts.

MAP-Pro™: Designed for larger, hotter jobs such as soldering large diameter copper pipe, brazing or heat-treating.

Oxy/MAP-Pro: These torches are hot enough to weld and cut thin metal.

Why is my torch so hard to light?

Most torches light better when the valve is just cracked open and there is light gas flow.

Why does my torch go out when tipped upside down?

Some of our torches (WT2301, WT2301C, WPK2301 and UL2317) are designed for plumbing or soldering – uses that work best with the torch head upright. For this reason, they do not have a pressure regulator to control the flow of fuel through the torch. When these torches are inverted, the liquid propane works its way through the torch and extinguishes the flame.

For work that requires inversion, we recommend a pressure-regulated torch, such as the TS3500 Multi-Use Torch or a cast body torch, such as the TS4000, BZ4500HS, or TS8000.

How do I inspect my torch and cylinder for potential gas leaks?

Conduct a leak test in a well-ventilated and spark-free area where there are no open flames. Attach torch to fuel cylinder. With the valve open, without lighting, test all connections with soapy water. If bubbles appear, gas is leaking, and the torch must be repaired or replaced. Never use a flame to check for leaks.

Why do I only get a small flame out of my torch in cold weather?

On a torch that is not pressure-regulated, the size of the flame varies with the pressure in the gas cylinder. When it is very cold, there is a reduced amount of gas pressure in the cylinder. We recommend a pressure-regulated torch, such as the TS3500 Multi-Use Torch.

Why did my torch head break at the air holes?

All of our torches are designed to absorb impact and reduce damage to the cylinder if dropped or abused.

Can I replace the igniter on my torch? Do you sell replacement igniters?

We do not recommend that users replace igniters. However, corrosion on the ignition wire or a blockage in the burn tube may prevent a torch from lighting and can be easily repaired.

How do I dispose of my 14.1, 16 or 16.4 oz. fuel cylinder?

Bernzomatic cylinders are both disposable and recyclable, but each municipality has its own regulations for recycling.

Safety Note: Empty cylinders may have some pressure still from lingering fuel vapors and should not be punctured.

Can Bernzomatic products be transported on an aircraft?

Most Bernzomatic products are not permitted to be carried on to aircraft.

Why did the oxygen tank in my brazing torch kit run out of fuel so soon?

The oxygen tanks are designed for smaller projects and burn at a much higher rate than torch fuel. Oxygen tanks are generally a 4:1 ratio when compared to propane. Depending on your project, an additional oxygen cylinder may be required.

Why is my 20 lb. propane cylinder empty? I just bought it.

This tank is marketed and sold as an empty tank. It's designed for those who prefer to have a cylinder that can be refilled and know the history and age of their tank.

Why won't the ignition button on my 2200 Detail Torch work?

Be sure that the safety lock button is disengaged before trying to ignite. The safety lock button is just under the ignition button; slide the lever down and the trigger will be able to move freely.

Why did my hobby and household torch stop working after only a few uses?

Featuring a 3-in-1 tip, our 2200 Detail Torch and ST500 Cordless Soldering Iron are great for several different uses. However, if used as a gas torch without removing the soldering tip, damage can occur. Before starting a project, always make sure to refer to the instructions and specific assembly steps for your operation.

How can I improve the flexibility of hose that came with my torch?

Stiffness is usually caused by coiling during packaging. Before first use, we recommend laying the unit flat for a few minutes to allow the material to relax. The flexibility of the hose will improve with each use.

Is torched cooking safe? Does it leave a taste of fuel?

Yes – torched cooking actually originated with American chef, Julia Child, in the 1950s with a Bernzomatic torch, so it's been tried and tested for years. We recommend using clean-burning propane fuel for cooking. It's the same type of fuel used with gas grills use and is approved food-grade fuel by the FDA. In addition, you have complete control over the distance between flame and dish.

Can I use my Searzall attachment with my Bernzomatic torch?

Bernzomatic torches are precisely engineered to produce the most efficient flame with the tip provided. Modifications or attachments may impact the torch performance and are not recommended. Please note: the Bernzomatic product warranty is void if the product is modified in any way.