

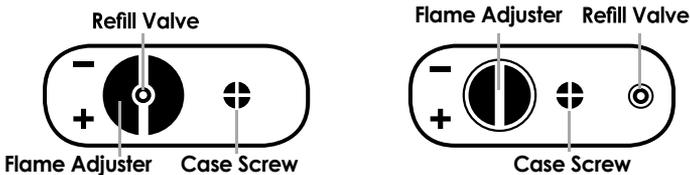


A general guide to refilling your Vector® brand lighter.

1. Keep lighters clean by avoiding falling ash when lighting cigars and/or cigarettes. Dust and lint can also clog the lighter's burners. We recommend using a Vector leather lighter pouch to keep your lighter dust and lint free.
2. Over 90% of returned lighters can be serviced simply by blowing off excessive dirt and dust inside a lighter using compressed air. Compressed air can be easily purchased from a local hardware or office supply store.
3. Jet Torches, Jet Turbo Flameless, and Electronic Piezo are not ordinary fluid flint lighters. They all have a sensitive ignition mechanism that requires delicate handling of the ignition switch. Do not rapidly flick or press ignition switch like a fluid flint lighter. There are two different types of ignition switches; a push-down and slide-down ignition switch. Ignition should be done slowly and gently for both types of switches. The lighter ignition system has a split-second delayed reaction time. Fast ignition usually results in misfiring, whereas a slow and gentle ignition ensures ignition every time.
4. When flame gets weak and low, it usually means it's time to refill. Constant ignition and adjustment of the flame height when flame is weak can seriously damage lighters. Use Vector premium refined butane gas to refill the lighter.

Refilling instructions are as follows:

- a. Do not refill near open flame.
- b. Bleed any air from fuel tank by pressing down on the refill valve located on the bottom of the lighter, until hissing sound stops. See the diagrams below:



- c. Hold lighter upside down and insert butane gas nozzle into the refill valve. Hold butane gas can down for about 15 seconds. Escaping gas during refilling indicates fuel tank is full with butane.
 - d. Do not ignite right after refilling. Wait about 5 minutes to let the lighter reach room temperature.
 - e. Set the flame height adjuster to desired position.
5. Simply keeping a lighter free of dirt and dust and refilling on a regularly basis will lengthen the lifespan of your lighter. For other problems, refer to the do-it-yourself maintenance guide below.

If gas is leaking out (shooting out instead of intaking into gas tanks of lighters) in the process of refilling, this is mainly due to 2 reasons.

1. Valve stem on the butane can is NOT inserted correctly to the refill valve of lighters (troubleshooting: Most of lighters do NOT require a special adaptor. Built-in metal valve will fit most of lighters. Try to refill in 45 degree angle by holding the lighter upside down in one-hand in 45 degree angle and hold the butane gas in 45 degree angle as well in the other hand). Some lighter refill valves tend to intake butane better in 45 degree angle.
2. Air inside lighter gas tanks that's preventing intake of butane gas. (troubleshooting: try to bleed air from the gas tanks by pressing down on the lighter refill valves).