

Prometheus

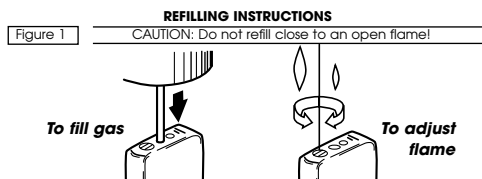
Prometheus Lighter Maintenance Manual, Page 1 of 2



Prometheus lighters are not mass-manufactured by machines. Instead, they are carefully assembled by hand for quality and longevity. Please read this maintenance manual carefully to enjoy the best performance of your Prometheus lighter. If you have any question or need assistance, e-mail your inquiry to Prometheus@prometheuskkp.com.

Prometheus lighters require the following simple maintenance to ensure proper performance.

I. Refilling Lighters If you use your Prometheus lighter every day, we recommend you to refill the lighter at least once a week. If you are not using the lighter frequently, refill the lighter when the gas level gets low. When the gas level gets low, the flame of your Prometheus lighter becomes weak or low, and it is time to refill the lighter. Your Prometheus lighter can be used over and over again if its gas tank is refilled with clean butane gas. The clean butane burning of Prometheus lighter does not generate unpleasant petroleum odor like oil fluid lighters and will enhance your smoking pleasure. For the best performance, please use finely refined Prometheus butane gas which can be purchased at premium tobacco shops worldwide. Please read the instructions below for proper refilling steps.



1. Extinguish the flame of your lighter.
2. In order to prevent an unexpected high flame after refilling, turn the flame height adjuster on the bottom of the lighter to the lowest setting by turning the adjuster clockwise with a small screwdriver.
3. Take the air out of the gas tank by pressing the refill inlet valve with a small screwdriver until no hissing sound is

heard. Hold the lighter away from face when taking the air out. The air in the gas tank prevents butane gas from being injected into the gas tank properly and causes the lighter to malfunction. If butane gas comes out of the inlet valve when the inlet valve is pressed, stop bleeding the gas tank immediately. In this case, the gas tank is filled with butane gas.

4. Refill the lighter in an upside down position as shown above.
5. After shaking the butane gas refill can, press the stem of the refill can directly onto the refill inlet valve on the bottom of the lighter and let butane gas go into the gas tank for about 10 seconds.
6. Do not ignite lighter for about 2 minutes until the butane gas in the gas tank reaches room temperature.
7. Open the flame height adjuster by a quarter turn at a time by turning counter-clockwise until the flame height reaches the desired level. Hold the lighter away from face when igniting. If the flame height adjuster is turned up too high, the lighter will not ignite and you will hear a hissing sound. If this happens, lower the adjuster by turning clockwise.
8. If the gas tank is empty, refill rather than turning the flame height adjuster higher.

II. Adjusting Flame Height The low or weak flame is caused by: 1) the empty gas tank, or 2) the low flame height setting. If the gas tank is empty, refill rather than turning the flame height adjuster higher. When the gas tank is empty, turning the flame height adjuster higher will cause the lighter to malfunction.

If the gas tank is full and your lighter ignites a weak or low flame, turn up the flame height adjuster on the bottom of the lighter to the desired level. Make sure to extinguish your lighter before turning the flame height adjuster.

High flame is dangerous to the safety of users as well as damaging to the proper functioning of the lighter. If the flame height adjuster is turned up too high, the lighter will not ignite and you will hear a hissing sound. If this happens, lower the adjuster immediately.

Inside of the lighter, there is a built-in stopper which sets the maximum and minimum levels of the flame height. Please do not try to turn the adjuster beyond the preset maximum and minimum levels. If you force the adjuster to turn, you will damage the built-in stopper and your lighter will malfunction. Please note that the excessively, frequent adjustment of flame height can damage the lighter. Please refer to Figure 1 above for the adjustment illustration.

III. Falling Ashes will clog up your lighter. In lighting your cigar or cigarette, please do not put them into the burning flame of the lighter. This will cause the ashes to fall into the flame hole of the lighter and clog up the lighter. Light them with the top tip of the flame. When you carry your lighter, make sure that the inside of your pocket is clean in order to prevent the flame hole from clogging up. Also, periodically, clean the flame hole with compressed air, which can be purchased at computer stores.

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IV. Construction There are three types of Prometheus lighters: **Electronic Piezo**, **Flint**, and **Torch Flame** lighters. If you would like to know the type of your Prometheus lighter and its construction, visit our web site:

<http://www.prometheuskkp.com/construction.htm>

V. Care and Handling of Prometheus Torch Flame Lighters (If your Prometheus lighter is not a torch flame lighter, you do not have to read this section.)

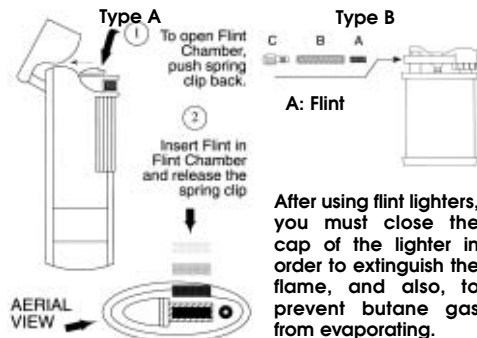
Your cigar or cigarettes should be lit with the top tip of the flame which is about one inch (25 mm) away from the flame hole. Do not put cigar or cigarette into the burning flame in order to prevent the ashes from falling into the flame hole and clogging it up.

Even though Prometheus Torch Flame lighters generate one-inch high flame, the lighter flame is barely visible. Consequently, keep your torch lighter away from your face when igniting.

Note that Prometheus torch flame lighters might not ignite properly in a high altitude region (such as Mexico City, Swiss Alps, and Colorado and New Mexico of U.S.A.). The paucity of oxygen at a high altitude prevents the electronic piezo of the lighter from functioning properly. Use Prometheus flint lighters in a high altitude region.

VI. Care and Handling of Prometheus Flint and Electronic Piezo Lighters

(If your Prometheus lighter is not a flint or electronic piezo lighter, you do not have to read this section.) If you are using **Prometheus flint lighters**, you need to put a new flint time to



time when the lighter flint wears out. Prometheus flints can be purchased at premium tobacco shops worldwide. See above for the flint replacement instructions. Be sure that your lighter is fully extinguished before replacing flint.

Like Prometheus torch flame lighters, Prometheus electronic piezo lighters might not function properly at a high altitude. Please use Prometheus flint lighters if you reside in high-altitude cities.

VII. Protecting Outer Case Finish The outer case of Prometheus lighters are finely finished. In order to preserve the aesthetics of the outer case, do not carry lighter with coins or keys. Any damage to the outer case such as

scratch is not covered under the Prometheus Limited Warranty.

VIII. Do-It-Yourself Maintenance Guide We stand behind the quality of our Prometheus lighters by offering the Prometheus Limited Warranty. If you cannot correct the malfunctioning of your Prometheus lighter by following the maintenance table below, return your lighter directly to Prometheus Service Center for the warranty service by following the return instructions outlined in the warranty information (page 95).

PROBLEM	POSSIBLE CAUSE	SOLUTION
Lighter will spark but will not ignite.	Empty gas tank	Refill lighter
	Low-setting of flame adjuster.	Set flame height adjuster higher
	Mechanical malfunctions	Return for repair
Lighter will not spark.	Mechanical malfunctions	Return for repair
Flame jumps.	Air in gas tank	Take air out by bleeding tank (see refill instructions above)
	Mechanical malfunctions	Return for repair
Lighter makes hissing sound.	Gas tank leaks	Return for repair
	Flame height is too high	Set flame height adjuster lower

