Care & Maintenance Of Your Electronic Cigarette

Introduction:

Courtesy of @low.com Member Maytomolson

The days of going out into the stifling heat or freezing cold in order to get one's nicotine fix are over. The electronic cigarette allows smokers to once again sit in restaurants and bars alongside of non-smokers, without breathing in the smoke because electronic cigarettes do not contain tobacco nor do they require an open flame. The smoke-like puff upon exhalation of an electronic cigarette consists of a harmless, odorless vapor that disappears within seconds.

The models vary from brand to brand but the electronic cigarettes all function alike. In addition, electronic cigarettes contain none of the 4000+ carcinogens expelled by smoking a tobacco-filled cigarette, which is coming to be known as an analog cigarette. The costs between analog tobacco cigarettes and the electronic counterpart are amazing after the initial cost of a starter kit. A user manual is included with most kits purchased including information about the e-cigarette, battery life, cartridge life, cleaning instructions, and more.

The nicotine liquid is available in varying milligrams of strength.

Things You'll Need:

Electric Cigarette Starter Kit:
Pre-filled or Blank Cartridges (optional)

Bottle of e-liquid (optional)

Step 1:

It is wise to read the user's manual in order to correctly charge the battery or batteries included in the kit. Once the amount of charge time is complete, it is time to get started in assembling the e-cigarette.

Wash hands thoroughly then lay a clean cloth or towel on a flat stable service that is easy to access. This is especially important if one chooses to fill blank cartridges versus using the pre-filled cartridges.

Lay out all the items from the e-cigarette kit on the cloth including the pack of pre-filled cartridges. Include any additionally ordered items such as e-liquid, blank cartridges, or pre-filled cartridges of varying kinds. If using blank cartridges to fill with e-liquids, include either a toothpick or at least a 16-gauge syringe with needle, and a pair of tweezers.

Bring the battery, which is a long cylindrical piece to the front where it is easy to grasp along with an atomizer and one of the pre-filled cartridges.

Everything should be right in front and easy to access for assembly.

If the plan is to fill blank cartridges with e-liquid, then set out a blank cartridge, bottle of one's choice in e-liquid, the toothpick or syringe, and the tweezers.

Step 2:

Pick up the battery and the atomizer parts. Align the threads so the two pieces screw together without much force, paying special attention not to cross thread the items.

If the e-cigarette ordered has a button on the battery's side, one can press it to ensure the the atomizer heats up. Only press this button a maximum of 5 seconds. Less is preferable.

Step 3:

Open the box with the pre-filled cartridges. Each set of pre-filled and blank cartridges come with a type of rubber covering at the end. This little rubber stopper earned the name of cart-condom among the many users that frequent online forums whose thread portion to electronic cigarettes.

Remove the rubber stopper from the cartridge. Make sure the fibers inside the cartridge are not pulled out so far as to allow them to touch the atomizer. If a few strands are out of place, use the tip of a toothpick, pair of tweezers, or even a syringe needle (for those who will be filling blank cartridges) in order to press the material back into the cartridge yet not far. Press the filler to a point where it sits just inside the edge of the cartridge.

Hold the battery with atomizer in one hand while pressing the pre-filled cartridge into the opening of
the atomizer, Do not apply undue pressure. Sometimes it requires a slight twist; however, if twisting be sure to hold the battery and atomizer so neither are turning as this can pull the wires within the atomizer loose thus rendering the E-cigarette's atomizer useless.

Others who will be filling blank carts should open a blank cartridge, ensure the filler is not hanging out of the cart, and then either include the liquid bottle as a dropper or if it includes a dropper use this to drop liquid into the cartridge filler a drop at a time. Stop when the liquid is beginning to puddle in the cartridge. It is also possible to draw the e-liquid into a syringe then press the needle into the cartridge in order to press the plunger thus filling the blank cartridges' absorbent filter with all of what you choose; however, do not overfill as this can flood the atomizer. If there is too much liquid simply draw it back into the syringe via the needle and return to the e-liquid bottle.

As mentioned above with pre-filled cartridges, add the cartridge to the battery and atomizer sections already put together by pressing the cartridge into place. It is extremely important NOT to twist the atomizer if a slight twist to insert the cartridge is necessary as this can damage the atomizer beyond repair, which will require the use of an extra atomizer included in some kits or a new purchased atomizer.

Step 4:
The E-Cigarette is ready for use. Tobacco analog cigarettes are for smoking; however, since the E-Cigarette has only vapor instead of smoke, the term used for puffing on an E-Cig is vaping. It's time for the first vape.

Depending on whether the E-cigarette has a manual switch or not will make a difference in the type of puff one will take to vape. If the E-cigarette has a button, press the button for no more than 5 seconds while inhaling the vapor. Anyone using the E-cigarette can either hold the vapor in one's mouth or inhale as is done with an analog cigarette. Many users tend to hold the vapor while inhaling allowing it to slowly fill the lungs but other prefer to inhale or int a way one would an analog cigarette so it is left to personal preference.

If the E-cigarette in question does not have a manual button on the battery then it is necessary to take a short quick puff/drain/inhale to tell the chip inside the battery it is time to work and then take another puff afterward to take in the vapor from the cartridge as it's heated by the atomizer.

It is important not to allow the atomizer to become too hot regardless of whether the battery unit has a manual button or requires the primer puff to activate the atomizer. High temperatures can damage the atomizer causing it to go out completely with no hope of repair then requiring one to use their alternative atomizer included in the kit, if said kit includes an extra atomizer or the purchase of a new atomizer. The time frame seems to be anywhere between 1 to a maximum of 2 months.

Step 5:
The E-cigarette will eventually reach a point where it needs dry when requiring or reach a point where there is little to no vapor coming from the unit. It is time to either top off the cartridge by adding a few drops of e-liquid to the cartridge or if one is using pre-filled cartridges, it's time to replace the spent cartridge with a new pre-filled cartridge.

Those who opt to refill the cartridges should rinse the filler material well every few days and when changing flavors of liquid day from tobacco-flavored to cherry. It is important to note that some suppliers offer non-flavored liquid with a variety of E-Cig save flavorings and bottles to allow one to experiment with mixing flavors. A prime example is mixing a cherry flavor with a cake flavor making the E-Cig taste like an Old-Fashioned soda from the old drug store days of Cherry Coke. Other flavors are available including peach, mango, cream, pralines, grape, lemon, vanilla, french vanilla, and so on. In addition, there are tobacco flavors available WITHOUT the tobacco smell of second-hand smoke as it is still vapor without odor and harmlessness to others. Tobacco flavors including a variety of menthol brands.

Over time, the parts of the E-cigarettes will require replacement. The length of time for the batteries and also atomizers vary due to the parts, frequency of use, allowing the atomizer to get too hot, twisting the atomizer causing breaking of wires, and the build up from the vaporings; however, it is possible to clean the atomizer to remove much of the build up. Sometimes this will lengthen the working time. Users that choose to refill cartridges will need to replace cartridges and filter from time to time even with washing the filter material out when needed or when changing flavors of liquid. The cartridges will need replacing every so often.

Still, when comparing E-Cigarettes to analog cigarettes, the E-cigarettes tend to be much cheaper to use. In some cases, users have actually been able to kick the nicotine habit for good dropping from the highest milestone of 100mg down to 30mg, 20mg, 10mg, 5mg, to 0mg of nicotine.

Frequently Asked Questions:

1. Isn’t nicotine harmful to human health?

   Tomatoes also contain nicotine but do not cause harm to the human body. The real injury to the human body is from nicotine, but from tar. The e-cigarette does not contain tar.

2. What are the constituents of the solution/mixture in e-cigarette cartridges? Is the solution safe?

   The E-cartridge is mainly composed of propylene glycol, and a very small amount of nicotine. Propylene Glycol is a food additive found in many foods we eat today, such as food coloring, flavoring and also used to make food, medicines and cosmetics mild. It is considered safe generally in and it is the element that helps to create the vapor that simulates smoke. Nicotine is an alkaloid that is naturally present in certain plants. A high presence in plants and a low presence is found in common vegetables, such as potatoes, tomatoes, and green peppers. Nicotine, when present in small dosages such can deliver a feeling of calmness or relaxation. Current available information states that nicotine in and of itself has not been shown to promote the development of cancer in healthy tissue. Additionally, it has not been shown to have any mutagenic properties. This being said, it should also be noted that the International Agency for Research on Cancer has not evaluated nicotine as of this time.
3. Could the e-cigarette really be substituted for an ordinary cigarette and does it really deliver the same flavor as ordinary cigarettes?

The e-cigarette simulates traditional smoking, by meeting smokers physiological, psychological and behavioral needs. It offers a variety of flavors to satisfy smokers' unique taste requirements and cultural backgrounds.

4. What's the main difference between the e-cigarette and ordinary cigarette?

   The e-cigarette does not use combustion and produces no smoke. It does not produce any new substances in the process of vaporization. Furthermore, the e-cigarette does not produce any dangerous substances such as tar, carbon monoxide, that are produced during ordinary smoking. It also does not produce second-hand smoke that would harm family members and pollute the environment.

5. Is the product approved by the FDA or any other US organization?

   The Electronic cigarette is a nicotine delivery device, and it does not fall under the jurisdiction of the FDA or any other US Regulatory Organization at this time. The Electronic cigarette is not a product that falls for the oversight of either the FDA or the Alcohol and Tobacco Trade Bureau as it does not contain tobacco. Our product and it's benefits do not fit the classification of products that those organizations govern.

6. Some people get dizzy or feel nauseous after using the e-cigarette. How could this be true if the product has no side effects?

   If people inhale excessively, or too quickly or intensely, a person may feel temporary discomfort. In that case, a person should start with a lower-level nicotine cartridge.

7. Can I use this product anywhere?

   The Electronic cigarette does not have any burning of tobacco. It is non-flammable, and it does not produce any smoke. And thus, you are allowed to use this device in public, where the law is applicable.

8. How do I maintain the Electronic Cigarette?

   Our products have passed rigorous quality control from our manufacturing, so The Electronic Cigarette needs little regular maintenance. The following guide is provided courtesy of e-smokers-forum and authored by Jim Davis.

   The Electronic Cigarette Troubleshooting and Informational Guide - Revision 4

   Use this Guide At Your Own Risk.

   This guide is intended to be used as reference only. The Author, Indy Vapor Shop and esmokers-forum.com are not responsible for any damage or injury connected with this information. Users should abide by all rules of safety when using, maintaining, or modifying any e-cigarette components.

   If you are unsure about something, ask for help.

   Using, maintaining, and repairing an electronic cigarette requires some basic mechanical and electrical knowledge. Not all of us are experts in these fields. If friends of relatives are unable to help, answers are available at http://www.e-smokers-forum.com/. Even if you're not having problems at this time, stop by the Forum, Register (it's Free), and share your thoughts and experiences with the great group of people there.

   CONTENTS OF THIS GUIDE:

   Manufacturer's instructions on how to use and maintain the Electronic Cigarette.

   Basic Battery information.

   Troubleshooting guide & tips.

   Basic E-Liquid Information.

   The following document is from Shenzhen Joye Technology:

   How do you smoke the Electronic cigarette?

   E-smoking is different from normal smoking. E-smoking is a matter of inhaling then smoking. When you inhale, you should consider the following:

   Inhale as though drawing soda through a straw, slow and consistent pull.

   Do not inhale continuously or for a long period. Do not pull too heavy or too fast or too many times in a short period of time. This will have a negative effect on the cigarette function. Always pull slowly (2 to 5 times pulling) and let the atomizer rest in between for at least 3 minutes.

   Over-consuming your E-cigarette will lead to malfunctions. If you wish to inhale more or more frequently it is advised to use 2 sets of E-cigarettes at the alternately.

   HOW TO MAINTAIN YOUR UNIT:

   1. Clean the battery and atomizer by using purified alcohol to clean the contact points of the battery and atomizer with a clean paper tissue. By doing this regularly, your cigarette will perform better.

   2. Clean the inside of the atomizer with a paper tissue, to absorb remaining liquid.

   3. If you feel your cigarette does not produce enough vapor or the pulling becomes heavy, it is time to clean. Blow through the atomizer side, on the other side you will see liquid coming out. After this operation, clean everything and dry it with a paper tissue. Your cigarette should be working better now, if the cigarette does not perform better, go to point 4.
Sample Monthly Budget:

For the average user that smoked about one pack of tobacco cigarettes per day, the following would be a typical electronic cigarette monthly budget:

1 Replacement Battery - $11
3 Replacement Atomizers - $27
10 Replacement Tank Cartridges - $4
20ml E-Liquid - $9

$53 per month versus $200 and up for tobacco cigarettes!

For more in depth information, please visit:

How To Vape