Igniter Kit Manual_{Version 1.1} Covers the 10 count & 50 count igniter kit

This manual covers making the igniters for all **M8** products

Ignition components by INVENTION INCARNATE



Igniter kit contents 10 Count Only







Ignition Compound (Dark Gray)

Striker Compound

Glue



Sewing

Needle



Plastic Syringe



Paper Ignition Cups 10X



Mixing Cups 2X



Nylon Cord



Mixing Sticks 4X



Brushes 2X

What you will need





Place the paper igniter cups with the closed end facing upward.

Drill a 1/32 hole through the center and repeat this for igniter cups.



You may want to place something under the igniter cups, so you don't drill into something you care about.



Cut a fresh end on the nylon cord using the scissors.

Thread the tip of the nylon cord through the sewing needle.

Now thread the needle through the bottom(cone side) of all the paper igniter cups (igniter cups should face the same direction).



Set the igniter cup 1/2 from the end of the nylon cord.

Measure out the overall length of the nylon cord 7-8 inches.

Cut the nylon cord at 7-8inches OAL(Overall length).



Mixing the Ignition Compound

Inside the ignition compound container, also contains the oxidizer. Gently mix the oxidizer and the ignition compound together. Be sure to smooth out any clumps.

Using on of the mixing cups, pour the ignition compound with oxidizer into the mixing cup.

Add only a drop of glue at a time and mix. The result should be a very thick paste.



When you first put the glue into the ignition compound, the ignition compound will surround the drop of glue and gives the appearance that it is still way too thick. Mix thoroughly until the glue is absorbed. If needed add another drop of glue.



Using the mixing stick, scrape the mixing cup of the ignition compound and put it inside the plastic syringe.

You may twirl the mixing stick against the inside sidewalls of the syringe to get as much possible inside the syringe.



You want to get as much ignition compound inside the syringe. For the ignition compound to push out, the nozzle end needs to fill. This is considered waste material.

Once you filled the syringe, fill each paper igniter cup about 40%. Make sure the string does not fall through the paper igniter cup.

If using the optional igniter rack, place each paper igniter cup/nylon cord assembly into a hole and fill from that position.

Let the compound dry for 4-6 hours

STEP 6



After the ignition compound has dried and hardened. Holding the paper ignition cup with one hand, with your other hand use needle nose pliers and pull up on the nylon cord ensuring that the nylon cord moves freely through the ignition compound.





Troubleshooting – M8 Spoon version

If you're experiencing issues with the striker compound (Red) not pulling through the ignition compound (Gray)





You have completed making the igniters.

Let the igniters fully cure for 48 hours or longer. Store in a cool dry place.

Tape together in bundles of 10 or small quantities to prevent accidental ignition and tangling when storing

