

# Firenock Review by Mark Krieg (aka Greywolf) March 11, 2007

## Firenock v1.1

Aloha Everyone

As you know I field-tested some Firenocks for the designer.

First off let me state for the record, when I test things, they are used in the usual and normal manner in which they were intended. But given the area which I live this is rougher and wetter than most mainland places, our ground is lava rock covered by a couple of inches to a few feet of dirt. So pending the area, which you hunt, these are the "normal conditions" for here.

The Firenocks arrived in a small manila envelope complete with instruction both written and picture form explaining how to assemble the Firenock.

All the needed parts were present and each set of components were in it's own little Ziploc baggie. The instructions were straightforward. (couple of misspelled words) (I also watched the video on the sight, which was a greater help than the instructions).

As I started the assemble of the Firenock per the instructions, I was perplex as which glue to use with carbons (recent convert to carbons) so I decided on 5 minute 2 part epoxy. This seemed to be the most important item, move on that incorrect thought later.

Per the detailed instructions I inserted the battery depth gage into the battery (nylon screw) this is where on the first arrow a small problem occurred, as I put epoxy around the rim of the shaft and started the battery holder down the shaft it got stuck a inch in, a small tap with my brass gunsmiths hammer loosen it up and it was able to be seated at the correct depth. The wrong quick set glue here would of spelled a incorrect depth for the battery stop, be careful to make sure it is clear, but I wouldn't use the battery stop to do this part for fear it might cause the O-ring to come off. Maybe this is an unfounded fear but then again I'm just a tester.

\*\*\*\*\*One suggestion I'll make, when it comes to assembling the battery stop in the carbon shaft, as the O-ring acts as a squeegee to push the glue down and onto the battery stop, I did have some trouble with the quick drying epoxy inside the shaft trying to insert the Firenock, a toothpick and placing the glue a inch further down inside the shaft solved the problem.\*\*\*\*\* Might be added as a helpful hint.

After setting it aside to set per the instructions. I started to assemble the main part of the Firenock, the circuit board is pre-assembled and attached to the nock, all you have to do is insert the bobber battery and heat shrink the two parts together. During assembly, the first nock lit and stayed lit during the operation. The second nock blinked on and off a couple of times. The third it didn't light at all during assembly. Per my detailed notes, later I discovered arrow behavior as below:

- #1 when shot, the Firenock light up, but went out upon backstop impact
- #2 light sporadically while being shot roughly half of the time, but stayed lit upon impact.
- #3 light up at all times shot, and stayed on until turned off

During the installation I felt the heat shrink tube was too large to "hold properly" so I disassembled all three Firenocks removed the provided heat shrink tubing, tightened the "C" clip and reassembled them using my own smaller tighter tubing, all work perfectly now with no lighting problems experienced after Reassembly.

Each of the assembled components weighed to within +/- 1/10th of a grain from each other adding 17.3 grains to the back of my arrows. The instruction suggests that you need to re-sight your pins. With my hunting rig, I found no need to do this.

The package also comes with 3 weight nocks for practice again all weighed the same as the assembled fire nocks +/- 1/10th.

The only real problem I experienced was the nock fit on the serving; this might be an individual problem. The nock fit too loose on my serving, I shoot the regular Easton super nock and the fits great on my serving. I had to modify the ears on the Firenock to close and keep the arrow on the string (I bite them closed) so I could draw while taking angled downward shots, I tried all 3 arrows with the same results.

I hunted with the Firenocks on Thursday evening (Mar 1, 2007) on the ranch where I do game management, 10 minutes before dark. I shot a nice size hog (on video too) using one of the brightest lighted nock on the market. It was 5 X brighter than other brands I've tried. And stayed lit even when the arrow was banged on trees, the ground, rolled on and eventually broke off.

I'll send the Firenock Designer a copy of the video, so he can use it as he pleases.

Other than the shrink tube problem, and nock fit problem describe earlier, it performed just as well if not better than described.

This product is on the expensive side, but I've had a couple of misses at other hogs and arrow recovery is quick and saves time searching the weeds or woods for a lost arrow.

Is Firenock for everyone? No but...

I will use the Firenocks I have tested for hunting. Will I buy more? ... Yes, even as expensive as they are, they are a good solid well-made product.

Congratulations on a well made product.

And yes, for those of you wanting to see the video I will see if I can get it posted.

*Mark Krieg (aka Greywolf in Archerynetwork.com)*