Stuff Lumenok Users must know.

1. **"All arrows are not created equally"** Some arrow manufacturers use fiberglass as a component of their "carbon" shafts. Too high a content of glass in some shafts render them non-conductive. These are usually lower end store brand shafts or shafts made for the low price point sale. Arrow comparability is now listed on Lumenok packages.
2. **Lumenoks can be tested outside the shaft.** By using any conductive material, i.e. Foil gum wrapper, paper clip, wire metal washer, ECT the Lumenok can be tested for function outside the shaft. Simply "connect" the contacts at the shoulder of the nock together using your choice of conductor. It should light. If it won't, the battery is dead or it is faulty.
3. **Nock end shaft condition is Critical.** The end of the arrow shaft that a Lumenok will be installed in must be square and free of glue, arrow wraps, resin (camo finished shafts often need to be cleaned with sandpaper on the end) and for aluminum shafts, any anodization must be removed from contact area. This will insure that both contacts touch the conductive shaft end.
4. **Lumenoks must fit properly.** A good rule of thumb is that if one can install a Lumenok in his arrow shaft, and by pressing the Lumenok against the palm of his hand, cause it to light, IT FITS TOO LOOSE. The choice of a larger Lumenok or shimming as outlined in the instructions will solve this problem. This is usually the issue when people complain that their Lumenoks won't stay on. The proper amount of force required to faulty seat a Lumenok in an arrow shaft is between 20 and 40 lbs, and can be measured on a bathroom or postal scale.
5. **Never twist a Lumenok to shut it off.** Twisting a glowing Lumenok tends to do 2 bad things. 1. It roughs up the very surface of the arrow shaft that you depend on to complete the unit's internal circuit. 2. It can damage the Lumenoks contacts. The proper way to extinguish a glowing Lumenok is to lay the arrows fletching in the palm of your dominant hand,(nock pointed away from you) grasp the Lumenok between your index finger and thumb, and rock it toward and away from you only until the light stays out. This will prevent the nock from being moved out too far. In the case of the **Lumenok-X** for Easton Axis shafts, twisting the Lumenok inside the shaft can break the battery holder off, ruining the unit.
6. **Real Men read instructions.** (just be careful that the women aren't looking) We include important instructions in each package. We have video instructions on our web site www.lumenok.net and on our Dealer Shots DVD.
7. **What can a Lumenok do?** I find that lighted arrow nocks are useful in several ways in addition to their use from the tree stand. Practicing at long distance can be very helpful to magnify setup and form issues. Set up to practice at say 50 or 60 yards. Choose a time as light is beginning to fade, or a location that is shaded. The ability to observe arrow flight from release to target impact provides instant feedback that a shooter can immediately associate with setup or form problems. The ability to instantly make that association is invaluable in a shooters effort to eliminate bad habits and fine tune equipment. People will recognize the value of Lumenoks for this purpose once it is demonstrated. This need for high arrow visibility is what drives us at The Burt Coyote Co. to take all measures required to build the brightest most user friendly lighted arrow nock on the market. Lumenoks are brighter than the competition, allowing archers to more easily follow arrow flight, not just find arrows after dark.