

**Extreme Shock End Cap must be installed in each arrow before you shot Firenocked arrow.**

**Extreme Shock End Cap Installation**

- a) Remove the plastic nock that comes with the arrow.
- b) Remove broadhead/field tip.

**Note:** Back pressure can cause glue to not set if broadhead or field point is not removed.

- c) Screw the Aluminum end cap onto the tool. (Fig 11)

**Note:** Starting in 2013, the F style end cap comes with a metal screw. Therefore one should not over tighten or the end cap will end up being too deep onto the tool and will be installed too shallow in the shaft, barely snug it and turn back half a turn so it is loose is what is desired.

- d) Place the O-ring into the first groove of the end cap. (Fig 12)

**Note:** Please practice inserting the end cap first before applying super glue gel inside the arrow shaft to ensure that you can insert the end cap within a few seconds.

- e) Clean the inside of the shaft with acetone using a Q-tip, then let dry.
- f) Apply a bead of super glue gel to the inside surface of the shaft (super glue gel such as Firenock AGUGEL is recommended).

- g) While the glue is still wet, insert the end cap, with pointed side first into the arrow shaft. The O-ring ensures that most of the glue is pushed to the back behind the battery end cap.

- h) Push the tool until it is flush with arrow shaft. (Fig 13)

- i) Hold the arrow nock side down for 30 seconds to ensure glue sets around the O-ring.

- j) Try to tighten the screw a little, if it feels finger tight, the end cap is installed properly.

- k) If the end cap is still loose, repeat steps (f) thru (k) as instructed above.

- l) Unscrew the screw from the shaft. (Fig 14)

- m) Wait till glue totally dries.

**Note:** It is recommended to let the glue dry overnight, as vapor from the super glue can form a film on the battery and/or battery positive wire-holder and render both non-conductive. If you do not want to wait, tape over the battery and connectors to prevent glue vapor from depositing over the battery and the connector, otherwise the circuit and battery will be ruined.

- n) Follow the rest of the installation manual that comes with your Firenock to complete the installation of your lighted nock.

**CAUTION:** Do not install any O-ring on the battery casing, the battery-pin O-ring is always needed.

**Nock/Circuit Installation and Replacement**

- i.1 Align the PCB (Printed Circuit Board) with the click and lock hole in the nock as shown. (Figure 1)

- i.2 Squeeze the nock cylinder as shown in Figure 1 to allow the PCB to be inserted into the nock as it pass over the clip and lock tab.

- i.3 Insert the PCB all the way till a distinctive click is heard or felt.

- r.1 The battery must remain installed during nock replacement; without it, damage to the battery wire connector may occur.

- r.2 Squeeze the nock cylinder by hand as shown in figure 1 to release the circuit board anchor.

- r.3 Hold the circuit board with the battery installed and pull the circuit board gently out from the nock.

- r.4 Repeat step (r.2) and insert the circuit board LED first into the nock by holding the circuit board.

**Note:** Do not over-press the nock while inserting and removing the circuit board as nock may break/crack.

**Battery Installation & Replacement**

**Caution:** Do not allow the battery pin to contact battery the wire connector as it may lead to a complete discharge of the battery.

**Note:** Battery should be removed from the PCB if not used for over 30 days or will be drained out in 1 year.

**Installation & Removal (EZcoil design)**

- i.1 Thread the battery-pin O-ring on the pin of the battery. (Figure 2)

- i.2 Insert the battery into the EZcoil with a counter clockwise action till the battery O-ring touches the battery and the pin connector on each end. (Figure 3)

- r.1 Rotate the battery counter clockwise and gently pull the battery out and away from the EZcoil. (Figure 4)

**Note:** Over-angling to open the battery wire connector can cause the battery wire connector to break and/or cause a micro crack on the circuit board.

**Firenock Installation**

- a. Rotate and push the nock down into the shaft until it is flush to the end of the nock cylinder.

**Note:** With the extreme shock battery end cap installed, one may encounter resistance on the very end of pushing the Firenock into the arrow. This is usually caused by the battery end hanging on the edge of the extreme shock battery end cap. Keep rotating while pushing the Firenock in with slight pressure should allow the battery to roll into the end cap allowing the nock to be flush to the end of the nock cylinder. Forcefully pushing the nock into the shaft or shooting a Firenock with a gap between the nock cylinder will usually result in a bent battery.

- b. Align the desired fletching configuration.

**Firenock Deactivation (Hunting & Blinking system)**

- a. Align the lighted nock perpendicular to a hard surface.
- b. Lift the arrow no less than 6 inches (15 cm) from the surface.
- c. Hold the arrow motionless in mid-air for 6-8 seconds.
- d. Drop the arrow allowing the arrow to hit the surface nock first via gravitational force. (Figure 8)
- e. Upon impact, the light will shut off automatically.
- f. If light does not shut off, repeat steps (b - d) and raise the distance in 2 inch (5 cm) increments until the Firenock shuts off.

**Note:** Counter tops, concrete floors, truck beds, hard wood floors are samples of hard surface. If the Firenock does not shut off after the free fall distance is as high as 20 inches (51 cm), and it is within the warranty period, please send in your Firenock for warranty replacement.

**Firenock Deactivation (Target system)**

- The light will shut off automatically in 17 (+/- 2) seconds.

**Firenock Activation**

Shoot from any bow which can assert to no less than 65G to the arrow when launched or drop nock (see Firenock deactivation).



Fig 10



Fig 11



Fig 12



Fig 13

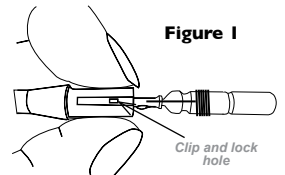
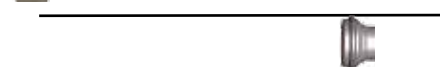


Figure 1



Figure 2



Figure 3

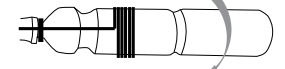


Figure 4



Figure 5



Figure 6



Figure 7



**Allow to free fall for no less than 6" or 15 cm to shut off light**

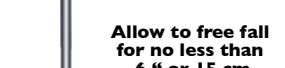


Figure 9

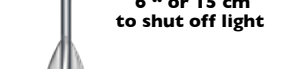


Figure 10



Figure 11



Figure 12



Figure 13

**HARD SURFACE**

Figure 8