

FIRENOCK "E" style Installation Manual

(Installation video is available at <http://www.firenock.com>)

Nock/Circuit Installation and Replacement

- i.1 Align the PCBA (circuit board, Printed Circuit Board Assembly) 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 PCBA to be inserted into the nock as it pass over the clip and lock taps.
- i.3 Insert the PCBA 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 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 wire connector as it may lead to discharge of the battery completely.

- i.1 Thread the battery-pin O-ring on the pin of the battery (Figure 2)
- i.2 Insert the battery into the front loop of the battery wire connector while leaving the end loop hanging outside (i.e. Let the front loop open to allow the battery to pass through). (Figure 3)
- i.3 While inserting the battery, rotate the battery counterclockwise. The wire of the front loop will ride the battery head and fits itself well inside the neck of the battery. (Figure 4)
- i.4 Wrap the end loop onto the battery and ensure the front loop locks onto the neck of the battery. (Figure 5)
- i.5 Roll the included O-ring/rubber band into the battery's mid/back groove. (Figure 6) For some smaller shaft, the supplied O-ring may not fit or needed for Firenock installation.
- r.1 Remove the O-ring on the battery body from the battery.
- r.2 Unhook the end loop of the battery wire connector to allow the first loop to open as above. (Figure 3)
- r.3 Rotate the battery clockwise and pull the battery out gently.

Note: Over-angle 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

Warning: The Uni-bushing must be removed in order for the Firenock system to work properly. The Firenock must make multiple contact points with the inside wall of the arrow in order to function properly.

- a. Align the nock to the desired fletching configuration.
- b. Place a nock tool on a flat surface, push the shaft down onto the nock until it is flush to the end of the nock cylinder.
- c. For speciality sizes that are smaller than the nock cylinder with ridges, shave down/off ridges to fit. Remove circuit before nock shaving to prevent any possible circuit damage during the modification.

Firenock Deactivation (hunting 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 to allow the arrow to hit the surface nock first via gravitational force. (Figure 7)
- e. Upon impact, the light shall shut off automatically.
- f. If light does not shut off, repeat Step (b - d) and raise the distance in 2-inch (5 cm) increments until the Firenock shuts off.

Note: Counter top, concrete floor, truck bed, hard wood floor 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 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

Shooting from any bow which can assert no less than 65G to the arrow when launched or drop on nock as deactivation.

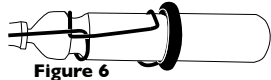
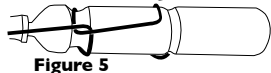
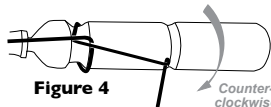
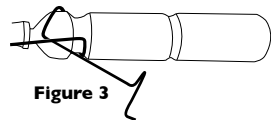
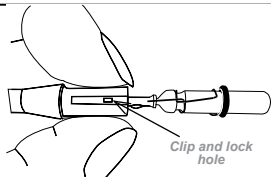


Figure 7

HARD SURFACE