

An Extreme Shock End Cap (ESEC) must be installed before you shoot Firenocked arrow.

Extreme Shock End Cap Installation

Caution: If an insert is already installed and it is not completely hollow (e.g., VAP original insert), please refer to Firenock Solid Insert End Cap Installation Manual instead. http://org.firenock.com/pdf/Insert_Solid.pdf

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

Note: If broadhead or field point is not removed, back pressure can cause the glue to not set.

- c) Screw the extreme shock end cap onto the tool. (Fig. 1)

Caution: Do not over tighten the end cap onto the tool. If any of their tool is extend out of the end cap, you screw too deep and this will cause the end cap to be install too shallow. The end cap should be installed at 2.5"/63mm.

- d) Roll the O-ring into the groove of the end cap. (Fig. 2)
- e) Clean the inside of the shaft with an acetone-soaked Q-tip, then let dry.
- f) Apply a bead of gel type super glue to the inside surface of the shaft.
- g) While the glue is still wet, insert the end cap, with pointed side down, into the arrow shaft.

Note: The O-ring will ensure that most of the glue is pushed behind the end cap.

- h) Straight push the tool until it is flush with the arrow shaft. Do not twist as you push because the glue will not set well. (Fig. 3)
- i) Hold the arrow nock side down for 30 seconds to ensure the glue sets around the O-ring.
- j) Try to tighten the screw. If it feels finger tight, the end cap is installed properly. If the end cap is still loose, repeat steps (f) thru (i) as instructed above.
- k) Unscrew the tool from the shaft. (Fig. 4)
- l) Wait until glue dries completely before use.

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 the battery wire-holder and render both non-conductive. If you do not want to wait, tape over the battery and connectors to prevent any glue vapor from depositing over the battery and the connector.

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

Firenock Lighted Nock Installation

- a. Push the battery pin (with O-ring installed [Fig. A]) with the battery pin pointing towards the circuit board pin connector to form a unified unit.

Caution: The battery-pin O-ring is always needed, no matter what the battery dielectric looks like.

- b. Side the battery with the circuit board installed down the shaft onto the extreme shock end cap.

Note: One should be able to drop the battery in and out of the arrow with ease. Make sure there is no extra glue left on the inner shaft wall after installing the end cap. Extra glue can cause the battery to get stuck and make replacement of the battery impossible. Use an SAE#19 0.166" drill bit to drill off the excessive glue for easy cleanup.

- c. Smudge the nock cylinder with string wax, then align the nock via the desired fletching configuration.

Note: Twisting the nock without nock cylinder lubrication and removing excess glue on ID of shaft can cause the nock to snap due to CA binding.

- d. Push the nock flush with the shaft.

Note: Do not apply too much pressure or the nock prong will bend. There may be a slight gap between the nock and the arrow shaft. Shoot it a few times and it will seat itself into place.

Battery Installation (i.#) & Replacement (r.#)

Caution: Firenock G style is a stack-Coil battery connector design; the gold wire seat on top of the battery, not around it. See picture (below).

- i.1 Follow Firenock Lighted Nock Installation directions above to install the nock with a new battery.
- r.1 Remove the nock by using a twist and pull action.

Note: Using pliers with a ridged jaw may cause the nock to be scratched, weakened and/or damaged.

- r.2 Remove the circuit board by tapping the arrow on a hard surface, nock end first until the LED of the circuit board appears.
- r.3 Pull the circuit board out of the shaft. If the battery is not still attached to the circuit board, point the nock end of the arrow down, and the battery should follow.

Firenock Activation

Shoot from any bow which can assert no less than 65G to the arrow when launched or dropped (see adjacent picture).

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, nock first. (Fig. B) Upon impact, the light will shut off automatically.
- f. If the light does not shut off, repeat steps (b - d) and increased the distance by 2 inches (5 cm) increments until the Firenock shuts off.

Note: Countertops, concrete floors, truck beds, and hardwood floors are examples of adequate hard surfaces. 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 replacement.

Firenock Deactivation (Target system)

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

Firenock G should look like the picture below when it is correctly installed into the arrow shaft.

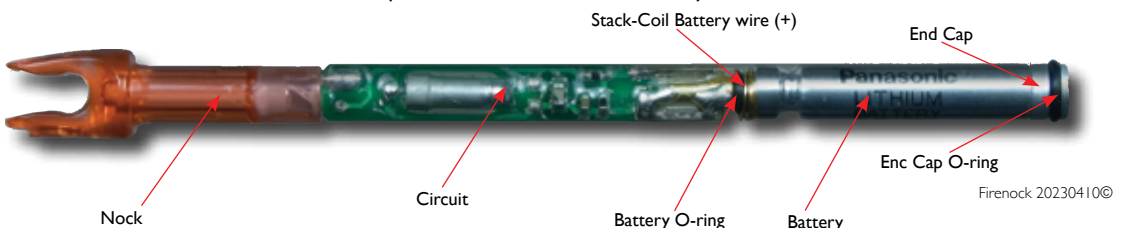


Fig 1



Fig 2



Fig 3



Fig 4



Figure A



Figure B

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

Hard Surface