



CenterFlag
Paintball Products

Uprising
Operations Manual

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"Made by paintball players, for paintball players"

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LCD Screen: When you remove the grip from the **Uprising**, you may notice a piece of thin plastic film over the LCD screen. It is safe to remove the film if you like. It will not damage the LCD screen at all. If you do leave the film in, after some use, you may notice some black marks on it. If this happens, go ahead and remove the plastic film over the LCD screen.

Battery: The battery life can vary with different markers. On a standard battery you can get 20,000 shots or more.

Note: If the battery has been disconnected for longer than 15 minutes, all the programs will go back to factory settings.

Battery Installation: You need a 5/64" allen wrench. Remove the two allen screws on the LCD side of the grip. Very gently pull the red and black wires out with the battery terminals on them. Connect the battery. Make sure the terminals are facing up to the valve of the marker. The two wires should be facing out towards you. Make sure the battery is fitted in the cradle carved in the grips and replace grip. Make sure that no wires are being pinched and tighten the allen screws down.

Shot Counter: This is a simple counter that shows how many times you have pulled the trigger. The amount of energy used is the same every time the trigger is pulled whether or not the gun fires. The main function is to give you a count on the battery life. To display the shot counter, tap the Mode button until a "C" shows up in the upper left corner of the display. This will show the number of shots from the last time the shot counter was reset. To reset the shot counter, hold the Mode Set button down.

There are four different modes:
Semi, Timer, Shot Counter, and Service.

The Uprising has two mode buttons:
Mode Set and Mode. The Mode button is also the safety.

Mode Set: This button resets the different modes. To change your setting, you will have to hold this button in for three (3) seconds until the mode is flashing.

Mode: This changes the counter and the mode within itself. This changes the rate of fire (shots/second), and timer (setting minutes and seconds).

On/Off: Hold the MODE button down until the LCD display on the HyperFrame turns on or off. (need to hold down for approx. 3 seconds)

Semi: Hold the MODE SET button until flashing number. This is to set your rate of fire. Tap the MODE SET button until the number is where you want to set your rate of fire, then press the MODE button to set. Your rate of fire is limited to 13 Bps. However, we have found some guns work better at 11 Bps.

MODE
SAFETY

MODE
SET

MADE IN U.S.A.
S#12626

Thank you for purchasing the **Uprising AutoCocker Electronic Trigger Frame**. It has been assembled and attached to your gun in our shop and then test fired to make sure it is working properly. If you experience any problems, please contact **CenterFlag** to get any needed technical assistance.



The **Uprising** turns your AutoCocker into a high-performance marker and pushes the limits of the mechanical parts. Due to the increased rate of fire, you will have increased maintenance on your gun. Your three-way, ram, and timing will have to be adjusted more frequently. These are normal AutoCocker problems and are easily fixed.

TIMING PROCEDURE FOR THE CENTERFLAG UPRISING

Solenoid & Plunger: This controls the length of the solenoid stroke and hammer lug length. The shorter the stroke the faster the marker will work. Adjust your plunger with set screw, and lock down with the lock screw.



Take the side grip that has the LCD window off. You will see the solenoid at the top of the grip. To check the timing you will have to push in the plunger very slowly on the solenoid with your fingers or with a small standard screwdriver. When pushing in on the plunger, watch the cocking rod and back bolt, you want the cocking rod to release to shoot the marker and then the back block should re-cock. If the back block recocks first before the cocking rod releases, then there is too much blow back and you will have to adjust the 3-way. Once you have achieved the correct timing, lock down the 3-way coupler and test your marker. This works better with the Uprising in the off position.

Check the depth of the lug on the hammer by using a 1/8 inch allen key, ~~set~~ it in the hole on top of the marker with the bolt out. Turn counter clockwise until the lug does not catch the sear, check this by pulling on the cocking rod, if the sear is not catching the lug the cocking rod will not stay cocked. Now turn the lug 1/4 turn clockwise at a time until the cocking rod hits the sear, then turn 1/2 turn clockwise to set the lug.



3-Way & Rod: This is one of the most important adjustments on the marker.



Timing of the 3-way is very critical. Setting the 3-way too far will produce too much blow back which will lead to the chopping of paintballs. Adjust the coupler on the 3-way by turning it with a needle nose pliers clockwise until it starts to operate the marker, turn 1/4 of a turn and then check the timing with the solenoid.

Sledge Hammer: This regulator in most markers is set between 85 psi and 100 psi. 90 psi to 100 psi is a good working pressure. This will also help your Back Block stay open longer. This is normal setting for an AutoCocker

Codes :

- E-1: Mode-Safety Button: Button is broken or stuck against the frame.
- E-2 Mode Set Button: Button is broken or stuck against the frame.
- E-3 Lock Button: This is non-functional but could cause a problem.
- E-4 Micro Switch: Switch is bad or check to see if stuck against frame. See if it's plugged in.
- E-5 Battery: Cable or switch is bad. Doesn't tell the life of the battery.
- E-6 Clock, Internal PC Board or Solenoid problem. Major PC board or Solenoid problem.

Timer: This is a countdown timer. To display the countdown timer, tap the Mode button until a "T" shows up in the lower left corner of the display. To set the timer, hold the Mode Set button until the number on the left starts to flash. This is where the minutes counter is. The minutes counter is fully adjustable between 0-99. Tap the Mode Set button until the desired minutes are set. Tap the Mode button and the number on the right will start to flash. This is the seconds counter. To set this, tap the Mode Set button until the desired seconds are reached. The seconds counter is fully adjustable between 0-60. Press the Mode button to set. To activate the timer, just pull the trigger. If you need to activate the timer without discharging your paintball marker, then make sure your safety is on and pull the trigger. (Don't forget to turn the safety off before you start your game.) To reset the timer, just tap the Mode Set button.

To get to the Service Mode:

1. Turn the UPRISING off.
2. Push Mode Safety button and at same time push Mode Set button.
3. As soon as you see the EX 0081, let go of both buttons.
4. IS 0X will be flashing.
5. Mode Set will change the desired setting.
6. Mode Safety will move thru the Dwells.
7. After the last setting the board will go off. Turn on as normal.

Service mode: Getting to the Service mode. Turn the board off, push the mode button, and at the same time push the Mode Set until the Unit Number comes up, then let go.

IS 05 This will go from 01-99. This is Energy going to the solenoid and 3-way. Desired range 05-08

IS: _____

IS 05

Fd 25 This will go from 01-99. This is the dwell for the 3-way. Desired range 13-20

FD: _____

Fd 15

Fn 55 This will go from 01-99. This is the dwell for the ram/cocking block. Desired range 50-80

FN: _____

Fn 53

Solenoid

Plunger Setting: _____

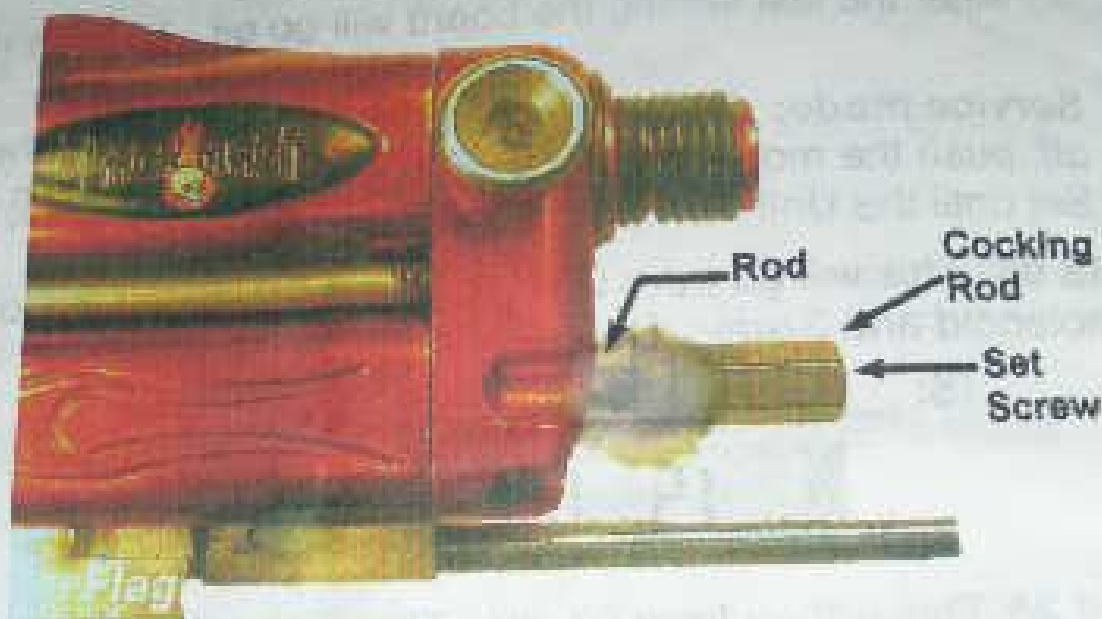
Setting for 3-way short or long stroke.

.060 short/ .080 long

Push the Mode button again the board goes off. Turn on as normal.

Back Block: Make sure the Back Block isn't too tight against the body. This should have play when the marker is air up. This is normal setting for an AutoCocker.

Cocking Rod: Check to make sure it isn't rubbing on the body. This should be clear of the body, so no drag is using up energy. Also make sure that you have enough to adjust the Back Block. This is normal setting



Check timing on the back block and cocking rod. Without the marker cocked, pull back the back block until it hits the lug and cocks the marker. Look inside the feed hole to see how much of the bolt is showing. With the CenterFlag Uprising, we like to time it a little tighter than a stock marker. You should only see about 1/16 of the end of the bolt. If you do not, then loosen the set screw at the end of the cocking rod and unscrew the end of the cocking rod without unscrewing the rod from the marker. Follow the above procedure until you have the 1/16 of the bolt showing. After you have achieved the desired 1/16 of the bolt, pull back the block all the way. This should be between 1/8 to 1/4 inches. Once you have achieved this, you are finished with the timing of the back block.

TROUBLESHOOTING

Problem: Elect PC Board is stuck on Unit Number. Ex 0081 or E-1 code.

Solutions: 1. Check to see the battery terminal is in the right plug-in. Top Left.
2. Check if the board mode button is against the frame. With a Phillips screw driver, loosen board screws. Very lightly push the button frame away from the trigger frame.

Problem: Uprising will not read fire when the trigger is pulled.

Solution: 1. Check to see if the terminal is plugged in.
2. Mode Set Button up against the trigger frame. Loosen the top board screw and very gently move the board back and tighten the screw. E-2 code
3. If the Mode number is flashing, then push the Mode button twice.
4. Check the trigger switch is plugged in (bottom left connection). E-4 code
5. Check the Solenoid to see if it is secure.
6. Check the IS in the service mode. Factory setting is 05, raise to 8-10.

Problem: Uprising starts to miss fire.

Solution: 1. Check battery
2. Check 3-way. If the 3-way o-rings are dragging. Oil or replace.
3. Check the solenoid to make sure it is tight.
4. Check cocking lug for adjustment.

Problem: PC Board not coming on.

Solution: 1. Battery cable is not in correctly.
2. Mode button is against the frame. This will cause the mode button to keep in the off position.
3. The battery is dead, it must be replaced.

Warranty

Your CenterFlag **Uprising** electronics are guaranteed to be free of manufacturer's defects for a period of six months from **the date of purchase**. Your CenterFlag **Uprising** frame is also guaranteed to be free of manufacturer's defects for a period of one year from the date of purchase. This warranty does not cover abuse, neglect, or misuse of this product. This warranty is also void if the user tampers, modifies, or repairs the CenterFlag **Uprising**. Repairs or modifications should be made only by a CenterFlag certified technician. If your **Uprising Electronic AutoCocker Grip Frame** is in need of repair, please contact us at 630-553-2611, or contact us via our website at:

<http://www.centerflagproducts.com>.

