

STOP!

Please Read

IF YOU ENCOUNTER ANY DIFFICULTY WITH
YOUR EVIL® OMEN™ PAINTBALL MARKER
PLEASE CALL US DIRECTLY.

DO NOT GO BACK TO THE STORE. 98%
OF ANY PROBLEMS YOU MAY HAVE WITH
YOUR EVIL OMEN™ CAN BE CORRECTED
OVER THE TELEPHONE BY OUR TECHNICAL
SUPPORT STAFF IN MINUTES.

WARRANTY HOTLINE
1-800-579-1633

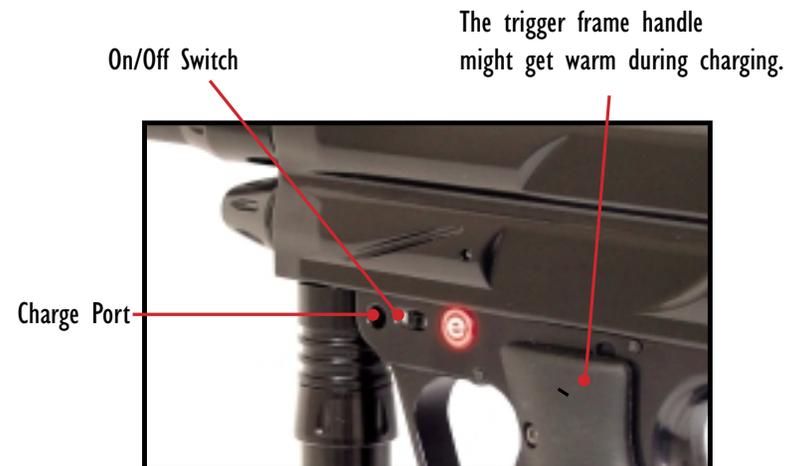
HOURS OF OPERATION
MONDAY - FRIDAY
9AM-5PM CST

WEBSITE: WWW.EVIL-PAINTBALL.COM
EMAIL: TECH@EVIL-PAINTBALL.COM

⚠ Use CO₂ with anti-siphon or N₂ only!

Charging the Battery

The Evil OMEN™ battery is a 9 volt rechargeable battery. The battery needs a full 22 hours to charge before it is full. The battery does not come fully charged. For best long term battery life, EVIL recommends you charge your Evil OMEN™ frame for a full 22 hours before using it. You can use regular 9 volt batteries with this frame if your rechargeable battery is dead or you want to play with the frame right away. A blinking on/off indicator light means your Evil OMEN™ frame needs to be charged right away. A low battery will lower your rate of fire.



Pursuit Marketing Inc., 55 Howard Ave, Des Plaines, Illinois 60018 USA

SETTING THE RECOCK

The Evil® OMEN™ ships from the factory already tuned, and with regular cleaning and lubrication should only require pressure regulator adjustments to set the velocity. Every time you adjust the inline regulator, the recock pressure should also be adjusted. Here is how to tune from scratch. It assumes you are adjusting to a field limit of 300 fps; if your velocity limit is lower the numbers must be adjusted accordingly. Every time you adjust velocity using the inline regulator, you must also adjust the recock pressure the opposite way. Example: If you increase your inline pressure to turn velocity up, then you will want to turn the recock pressure down slightly.

STEP 1

Check that the marker is clean and has a thin coat of grease or oil on the hammer o-ring (part #46). (A working Evil OMEN™ that stops recocking is usually out of gas, dirty, or needs lube.)

STEP 2

Reduce recock pressure (to avoid breaking paint during step 3):
To reduce recock pressure use the smallest hex wrench (.050) to turn the recock screw (part #10) in (clockwise) until it GENTLY bottoms on the valve stem; then back it out 1/4 turn.

STEP 3

Adjust velocity (loading only one paintball at a time is safest):
3a. Adjust regulator to a gas pressure well below normal shooting pressure. (Use a 3/32" hex wrench to loosen the locking regulator screw as shown in the photo to the right.) Then turn the adjusting ring clockwise to decrease the line pressure into the marker.
3b. Drop a paintball into the feed tube and chamber it by pulling back the rear block (part # 33). Fire the marker and note velocity.
3c. Increase gas pressure (in small steps) and repeat 3b until you get a velocity of about 310 fps. (When you add in recocking in Step 4 velocity should fall below 300 fps, but to be sure you **MUST** do the final velocity adjustment in Step 5.)

NOTE: As gas pressure is increased, velocity first increases to a maximum and then decreases. The maximum velocity achievable is increased by turning the red velocity screw (part # 34) in to increase hammer spring tension. Best marker operation (smoothest shooting and best efficiency) will occur when the maximum velocity is only about 10-20 fps above your velocity chrono point. Hence when adjusting gas pressure to get a velocity just below 300 fps, the ideal maximum velocity is about 310 fps.

STEP 4

Adjust recock pressure to get reliable recocking (do this with air but **WITHOUT** paintballs).
4a. Fire marker (with no paint!); if it does not recock, turn recock screw out a quarter turn. Repeat until it recocks consistently.

4b. Turn recock screw out (CCW) 1/8 turn more and fire rapidly a few dozen times to confirm consistent recocking. This should give enough recock pressure to recock reliably, but not so much that the bolt cycles too hard and breaks paint.

STEP 5

Adjust marker velocity to a value below the field limit by adjusting regulator pressure.

NOTE: For optimum performance, your Evil OMEN™ might need to be tuned each time you play. That means setting the recock pressure as low as possible.

Turn counterclockwise to adjust Recock Pressure up.



**Turn the center of the regulator to adjust pressure up or down.
(Make sure you loosen the set screw first.)**