

BLACKHAWK MAG FED PAINTBALL MANUAL



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WARNING READ MANUAL BEFORE USE

THIS PAINTBALL MARKER IS NOT A TOY. MISUSE OF THIS PRODUCT COULD RESULT IN SERIOUS INJURY OR DEATH. PROPER FACE, THROAT, EAR, AND EYE PROTECTION DESIGNED SPECIFICALLY FOR PAINTBALL MUST BE WORN BY THE USER AND PERSONS WITHIN RANGE. RECOMMEND 18 YEARS OF AGE OR OLDER TO PURCHASE. PERSONS UNDER 18 YEARS OF AGE MUST HAVE ADULT SUPERVISION.

USING YOUR BLACKHAWK MFG PAINTBALL MARKER

BEFORE BEGINNING SETUP, LOCATE THE TRIGGER SAFETY PIN ABOVE THE TRIGGER. MAKE SURE THE TRIGGER SAFETY IS PUSHED IN ON THE LEFT HAND SIDE OF THE MARKER SO THAT THE MARKER IS NOT ACCIDENTALLY DISCHARGED DURING SETUP.

BARREL INSTALLATION

1. MAKE SURE THE MARKER IS DEGASSED AND THAT THE MAGAZINE IS REMOVED. MAKE SURE THAT NO PAINTBALLS ARE IN THE BREECH. CONFIRM THAT THE SAFETY IS SET TO "SAFE" MODE.
2. WHILE POINTING MARKER IN A SAFE DIRECTION, PLACE THE THREADED END OF THE BARREL INTO THE FRONT OPENING OF THE MARKER BODY.
3. TURN THE BARREL CLOCKWISE UNTIL IT STOPS. DO NOT TURN THE BARREL WITH TOO MUCH FORCE, JUST ALLOW THE THREADS TO DRAW THE BARREL IN UNTIL IT STOPS. DO NOT OVER TIGHTEN.
4. IMMEDIATELY INSTALL A BARREL BLOCKING DEVICE. A BLOCKING DEVICE IS ANY DEVICE THAT PREVENTS THE ACCIDENTAL DISCHARGE OF A PAINTBALL, SUCH AS A BARREL PLUG.

AIR CYLINDER INSTALLATION

1. WITH A BARREL BLOCKING DEVICE PROPERLY INSTALLED, POINT THE MARKER IN A SAFE DIRECTION. PULL THE COCKING KNOB LOCATED ON THE LEFT SIDE OF THE MARKER BACK UNTIL IT CLICKS AND STOPS. THIS WILL COCK THE MARKER. RELEASE THE COCKING KNOB AND THE MARKER IS NOW COCKED.
2. LOCATE THE AIR SOURCE ADAPTER AT THE END OF THE MFG BODY.
3. SLIDE THE STOCK OFF BY PULLING DOWN ON THE STOCK LEVER.
4. POSITION THE MARKER SO THAT THE AIR SOURCE ADAPTER IS POINTED UPWARDS AND MAKE SURE THAT THE BARREL OF THE MARKER IS POINTED DOWN.
5. INSERT THE END OF THE THREADED CYLINDER VALVE INTO THE ADAPTER.
6. DO NOT PUSH THE CYLINDER, BUT SLOWLY TWIST THE CYLINDER CLOCKWISE. ALLOW THE THREADS TO DRAW THE CYLINDER INTO THE MARKER UNTIL IT STOPS. ONCE IT STOPS, THE MARKER IS CHARGED.
7. SLIDE THE STOCK BACK OVER THE TANK AND STOCK ARM.

MAG LOADING AND INSTALLATION

1. WIND UP THE MAGAZINE BEFORE LOADING THE PAINTBALL BY PUSH AND TURN THE WHEEL ON THE RIGHT SIDE OF THE MAGAZINE COUNTER-CLOCKWISE UNTIL THE WHEEL POP UP.
2. TURN THE WHEEL CLOCKWISE COUPLE TURNS TO LOWER THE PUSHER. THEN LOAD THE PAINTBALL FROM THE TOP OPENING.
3. REPEAT 2 ABOVE UNTIL THE WHEEL STOP. THE MAGAZINE COULD LOAD UP TO 15 PAINTBALL OR FIRST STRIKE™. (WARNING. DO NOT OVERLOADING THE PAINTBALL TO THE MAGAZINE OR OVERTURNING THE WHEEL AS IT WILL DAMAGE THE MAGAZINE)
4. PUSH AND TURN THE WHEEL CLOCKWISE TO LOCK THE WHEEL BACK TO THE MAGAZINE.
5. INSERT THE MAGAZINE TO THE BLACKHAWK MFG UNTIL IT IS SECURITY LOCKED BY THE MAGAZINE RELEASE BUTTON.

FIRING YOUR BLACKHAWK MFG

1. MAKE SURE EYE PROTECTIVE DEVICES DESIGNED SPECIFICALLY FOR PAINTBALL USE ARE WORN BY THE OPERATOR AND ANYONE WITHIN RANGE.
2. WHILE POINTING THE MARKER IN A SAFE DIRECTION, REMOVE THE BARREL BLOCKING DEVICE.
3. PUSH THE TRIGGER SAFETY TO THE "FIRE" MODE BY PUSHING IT IN ON THE RIGHT SIDE OF THE MARKER. THE RED O-RING WILL NOW BE VISIBLE ON THE LEFT SIDE AND THE BLACKHAWK MFG IS IN "FIRE" MODE.
4. AIM YOUR BLACKHAWK MFG AT A SAFE TARGET AND PULL THE TRIGGER.
5. WHEN FINISHED SHOOTING, RETURN THE TRIGGER SAFETY TO THE "SAFE" MODE AND REPLACE THE BARREL BLOCKING DEVICE.

VELOCITY ADJUSTMENT

- A. DO NOT ADJUST THE VELOCITY WITHOUT USING A CHRONOGRAPH DESIGNED TO MEASURE THE VELOCITY OF A PAINTBALL. ADJUSTING THE VELOCITY WITHOUT USING A PAINTBALL-SPECIFIC CHRONOGRAPH MAY CAUSE UNSAFE PAINTBALL SPEEDS, WHICH MAY RESULT IN SERIOUS INJURY OR DEATH.
- B. MAKE SURE EYE PROTECTIVE DEVICES DESIGNED SPECIFICALLY FOR PAINTBALL USE ARE WORN BY THE OPERATOR AND ANYONE WITHIN RANGE.
1. POINT THE MARKER IN A SAFE DIRECTION. THEN, REMOVE THE BARREL BLOCKING DEVICE.
 2. AIM YOUR BLACKHAWK MFG BARREL OVER THE CHRONOGRAPH.
 3. SET THE TRIGGER SAFETY TO FIRE BY PUSHING THE SAFETY PIN IN ON THE RIGHT SIDE OF THE MARKER.
 4. PULL THE TRIGGER ONCE AND OBSERVE THE READING ON THE CHRONOGRAPH.
 5. LOCATE THE VELOCITY ADJUSTER SCREW RECESSED ON THE LEFT SIDE OF THE BLACKHAWK MFG RECEIVER.
 6. TO INCREASE OR DECREASE THE VELOCITY OF THE PAINTBALLS DISCHARGED FROM A MARKER, USE A 5/32" ALLEN WRENCH TO TURN THE SCREW CLOCKWISE TO REDUCE VELOCITY AND COUNTERCLOCKWISE TO INCREASE VELOCITY.
 7. WHEN FINISHED, SET THE TRIGGER SAFETY PIN TO SAFE MODE BY PUSHING THE SAFETY PIN IN ON THE LEFT SIDE OF THE MARKER, AND REPLACE THE BARREL BLOCKING DEVICE.

*NOTE: WHEN ADJUSTING THE VELOCITY, MAKE SMALL ADJUSTMENTS, TESTING AFTER EACH ADJUSTMENT. WHEN REDUCING VELOCITY, IT MAY BE NECESSARY TO MAKE SEVERAL ADJUSTMENTS BEFORE A REDUCTION IN VELOCITY IS ACHIEVED.

STORING YOUR BLACKHAWK MFG

WHEN PLAY IS DONE FOR THE DAY, PROPER STORAGE OF THE BLACKHAWK MFG IS ESSENTIAL TO MAINTAIN PROPER FUNCTION AND EXTEND THE LIFE OF THE MARKER.

1. MAKE SURE EYE PROTECTIVE DEVICES DESIGNED SPECIFICALLY FOR PAINTBALL USE ARE WORN BY THE OPERATOR AND ANYONE WITHIN RANGE.
2. EMPTY THE PAINTBALLS FROM THE MAGAZINE AND REMOVE THE MAGAZINE FROM THE MARKER.
3. POINT THE MARKER IN A SAFE DIRECTION AND SET THE TRIGGER SAFETY PIN TO "FIRE" MODE.
4. REMOVE THE BARREL BLOCKING DEVICE AND FIRE THE MARKER IN A SAFE DIRECTION UNTIL IT IS EMPTY OF PAINTBALLS.
5. SLOWLY UNSCREW AND REMOVE THE AIR CYLINDER. MAKE SURE THE AIR CYLINDER DOES NOT SEPARATE FROM ITS VALVE/REGULATOR.
6. AIM THE BLACKHAWK MFG IN A SAFE DIRECTION AND PULL THE TRIGGER ONCE TO MOVE THE COCKING BOLT TO THE FORWARD POSITION.
7. SET THE SAFETY TO "SAFE" MODE.
8. THE MARKER IS NOW READY TO BE CLEANED OR PUT AWAY FOR FUTURE USE.

**LIMITED WARRANTY**

VALKEN GUARANTEES THE BLACKHAWK MFG AGAINST DEFECTS IN MATERIAL AND OR WORKMANSHIP OF THIS MARKER FOR TWELVE (12) MONTHS FROM THE ORIGINAL DATE OF PURCHASE BY THE ORIGINAL RETAIL PURCHASER WITH ORIGINAL RECEIPT. IN THE EVENT THAT A PART IS DEFECTIVE, VALKEN WILL SEND OUT A REPLACEMENT PART FREE OF CHARGE. WEARABLE ITEMS SUCH AS O-RINGS, SCREWS, BALL DETENTS ARE NOT COVERED UNDER THIS WARRANTY. FAILURE OF ANY PART DUE TO AN ACCIDENT, ABUSE, NEGLIGENCE, MODIFICATION, MISUSE, OPERATOR ERROR, LACK OF MAINTENANCE, OR USE OF PARTS INCONSISTENT WITH THE USE ORIGINALLY INTENDED FOR THE MARKER AS SOLD IS NOT COVERED BY THIS WARRANTY.

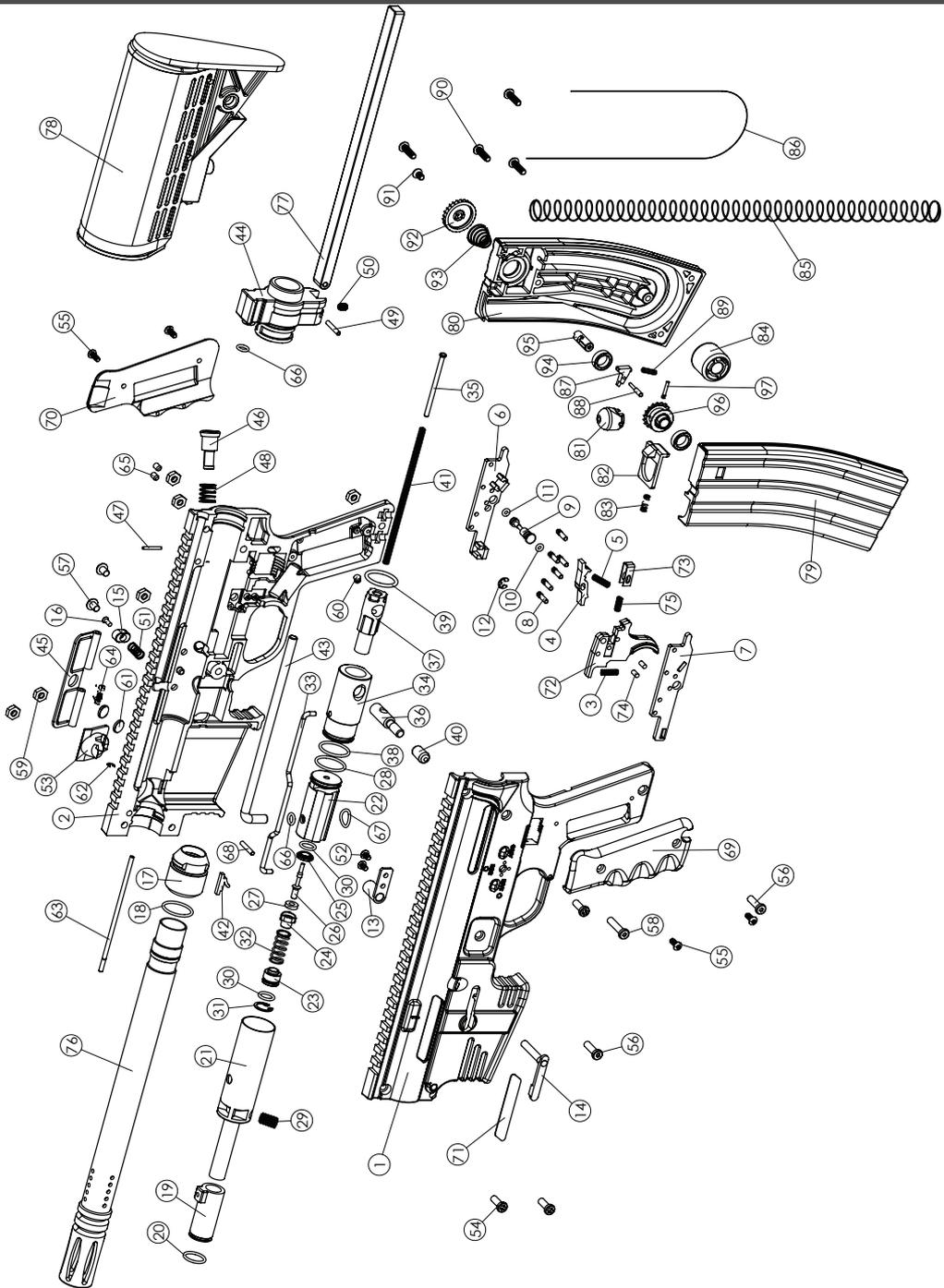
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RULES OF SAFE MARKER HANDLING

1. TREAT EVERY MARKER AS IF IT WERE LOADED.
2. NEVER LOOK DOWN THE BARREL OF A PAINTBALL MARKER.
3. KEEP YOUR FINGER OFF THE TRIGGER UNTIL READY TO SHOOT.
4. NEVER POINT THE MARKER AT ANYTHING YOU DON'T WISH TO SHOOT.
5. KEEP THE MARKER ON "SAFE" UNTIL READY TO SHOOT.
6. KEEP THE BARREL BLOCKING DEVICE ON THE MARKER'S MUZZLE WHEN NOT SHOOTING.
7. ALWAYS REMOVE PAINTBALLS AND PROPELLANT SOURCE BEFORE DISASSEMBLY.
8. AFTER REMOVING PROPELLANT SOURCE, POINT MARKER IN SAFE DIRECTION AND DISCHARGE UNTIL MARKER IS DEGASSED.
9. STORE THE MARKER UNLOADED AND DEGASSED IN A SECURE PLACE.
10. FOLLOW WARNINGS LISTED ON PROPELLANT SOURCE FOR HANDLING AND STORAGE.
11. DO NOT SHOOT AT FRAGILE OBJECTS, SUCH AS WINDOWS.
12. EVERY PERSON WITHIN RANGE MUST WEAR EYE, FACE, AND EAR PROTECTION DESIGNED SPECIFICALLY TO STOP PAINTBALLS AND MEETING ASTM STANDARD F1776.
13. ALWAYS MEASURE YOUR MARKER'S VELOCITY BEFORE PLAYING PAINTBALL AND NEVER SHOOT AT VELOCITIES IN EXCESS OF 91.44 METERS (300 FEET/PER- SECOND).
14. DO NOT USE THIS MARKER TO SHOOT AT A TARGET CLOSER THAN 20 FEET.

Item	Description	Sku #
1	MFG Shell Left	94396
2	MFG Shell Right	94990
3	Trigger Spring	23716
4	Sear	23754
5	Sear Spring	23761
6	Trigger Plate Right	23686
7	Trigger Plate Left	23679
8	Trigger Plate Pin	23693
9	Safety	94907
10	Safety Pin oring	23617
	Safety Oring 005 Duro 70 Buna	94433
12	MFG E Clip M5	94402
13	MFG Mag Release Holder	94495
14	MFG Mag Catch	94501
15	MFG Mag Catch Button	94464
16	Mag Catch Button screw	94440
17	Barrel thread Adaptor	23464
18	Barrel thread Adaptor Oring	23471
19	MFG Bolt	94747
20	Bolt O-Ring	23907
21	MFG Valve Tube	94884
22	MFG Valve housing	94945
23	Spring Stop	23860
24	Cup Seal Assembly	23846
25	Cup Seal Seat	23822
26	Cup Seal Assembly	23846
27	Cup Seal Assembly	23846
28	Valve Oring	23808
29	Velocity Screw	23785
30	Cup Seal Seat Oring	23839
31	Retaining Ring	23884
32	Cup Seal Spring	23853
33	MFG Connecting Rod	94853
34	Hammer	23938
35	Hammer Spring Strut	23990
36	MFG Hammer Cocking Pin	94839
37	Hammer Insert	23952
38	Hammer Oring	23945
39	Hammer Bumper Oring	24003
40	Hammer Cocking Pin cover	23976
41	MFG Hammer Spring	94563
42	MFG Ball Detent	94693
43	MFG Transfer Tube	94914
44	MFG Tank Adaptor	94983
45	MFG Dust Cover	94723
46	MFG Forward Assist	94969
	MFG Forward Assist Spring Pin	94969
48	MFG Forward Assist Spring	94969
49	MFG Tank Adaptor Lock Pin	94617
50	Set Screw 10-32 1/4"	94471

51	MFG Mag Catch Spring	94570
	MFG Mag Release Holder Screw	94488
53	MFG Detent Holder	94709
54	Short Receiver Screw	23372
55	Grip Screw	23563
56	MFG Mid Receiver Screw	94648
57	Valve Screw	23815
58	MFG Long Receiver Screw	94686
59	Receiver Nut	24133
60	MFG Light Pipe	94587
61	MFG Dust Cover Magnet	94549
62	MFG Dust Cover E Clip	94419
63	MFG Dust Cover shaft	94891
64	MFG Dust Cover Spring	94426
65	MFG Receiver Set Screw	94655
66	MFG Transfer tube oring	94457
67	MFG Valve Bottom Oring	94815
68	MFG Receiver Mag Pin	94624
69	MFG Rubber Grip Left	94860
70	MFG Rubber Grip Right	94877
71	MFG Jewel Sticker	94716
72	MFG Trigger	94785
73	Trigger Catch	23723
74	Trigger Catch Pin	23747
75	Trigger Catch Spring	23730
76	MFG Barrel	V883500
77	MFG Stock Arm	94822
78	MFG Stock Assembly	94976
79	MFG Mag Shell left	94938
80	MFG Mag Shell Right	94921
81	MFG Mag Pusher	94594
82	MFG Mag Door	94518
83	MFG Mag Door Spring	94600
84	MFG Mag Roller	94754
85	MFG Mag Spring	94792
86	MFG Mag String	94525
87	MFG Mag Lock	94631
88	MFG Mag Lock Pin	94730
89	MFG Mag Lock Spring	94761
90	MFG Mag Screw	94532
91	MFG Mag Wheel Screw	94556
92	MFG Mag Wheel Screw	94662
93	MFG Mag Wheel Spring	94778
94	MFG Mag Wheel Bearing	94808
95	MFG Mag Wheel Shaft	94952
96	MFG Mag Wheel Gear	94679
97	MFG Mag Wheel Pin	94846
98	MFG Handguard	V106685
99	MFG Handguard Adaptor Kit	V255008
100	MFG Front Sight	24072
101	MFG Front Sight Screw	24089
102	MFG Front Sight Nut	24096
103	MFG Rear Sight Assembly	24102



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**WHATEVER
IT TAKES.**