



## OWNER'S MANUAL

### Contains:

- Safety Information
- Warranty Information
- Operating Instructions
- Annotated Diagram
- Trouble Shooting Guide

**!** This safety alert symbol indicates important safety messages in this manual. When you see this symbol, be alert to the possibility of personal injury and carefully read the message that follows.

**!** **WARNING:** THIS IS NOT A TOY. MISUSE MAY CAUSE SERIOUS INJURY OR DEATH. EYE PROTECTION DESIGNED FOR PAINTBALL USE MUST BE WORN BY THE USER AND ANY PERSON WITHIN RANGE. RECOMMEND AT LEAST 18 YEARS OLD TO PURCHASE, 14 YEARS OLD TO USE WITH ADULT SUPERVISION, OR 10 YEARS OLD TO USE ON PAINTBALL FIELDS MEETING ASTM-STANDARD F1777-97. READ OPERATION MANUAL BEFORE USING.

**!** **WARNING:** NEVER SHOOT AT ANYONE WITHOUT PROPER PROTECTIVE EQUIPMENT FOR EYES, EARS, THROAT AND HEAD, WHICH MUST BE WORN AT ALL TIMES. EYE PROTECTION MUST BE DESIGNED SPECIFICALLY FOR PAINTBALL USE. FAILURE TO FOLLOW THESE SAFETY PRECAUTIONS MAY RESULT IN BODILY INJURY INCLUDING BLINDNESS AND DEAFNESS.



Welcome to the Brass Eagle® team and thank you for purchasing this high quality Brass Eagle® paintball marker.

We at Brass Eagle® stand committed to providing you with the best product and service available. Your new marker is designed and manufactured to provide ease of maintenance with trouble free performance. We ask that you read this manual to obtain the maximum enjoyment of your purchase.

Call 1-877-877-GAME (4263) or visit our web site if you should need an illustrated parts list.



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877-877-GAME(4263) Fax (479)464-8701  
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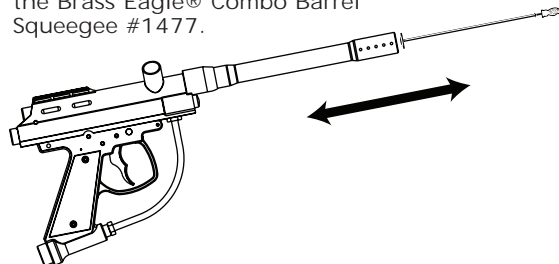
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## ! RULES OF SAFE PAINTBALL MARKER HANDLING

1. Always wear proper eye, face and ear protection designed especially to stop paintballs.
2. Never shoot a person who is not wearing proper protection.
3. Treat every paintball marker as if it were loaded.
4. Never look down the barrel of the marker.
5. Never point the paintball marker at anything you don't wish to shoot.
6. Keep the paintball marker on safe until ready to shoot.
7. Keep the barrel plug in the paintball marker's muzzle when not shooting.
8. Always remove gas source before disassembly.
9. Store the paintball marker unloaded and degassed in a locked place.
10. Follow warnings listed on gas source for handling and storage.
11. Never use anything other than .68 caliber paintballs.
12. Do not shoot fragile objects such as windows.
13. Paintballs may cause staining of some porous surfaces such as brick, stucco and wood.
14. Always measure velocity before playing paintball.
15. Never shoot at velocities in excess of 300 feet per second.

Use a barrel squeegee to clean broken paintballs from your marker's barrel. We recommend the Brass Eagle® Combo Barrel Squeegee #1477.



## WARRANTY INFORMATION

### WARRANTY: LIMITED 90 DAY WARRANTY (ORIGINAL PURCHASE RECEIPT REQUIRED)

For 90 days from date of purchase, Brass Eagle® will repair or replace this marker free of charge if defective in material or workmanship. This warranty gives you specific legal rights. You may also have other rights which may vary from state to state. Service is available from authorized Brass Eagle® Service Centers. A list of these is available at Brass Eagle's website—www.brasseagle.com or by calling Brass Eagle® at 1-877-877-GAME (4263). These Service Centers generally offer the quickest service.

If you would rather return your marker to Brass Eagle® please call consumer service at 1-877-877-GAME (4263) for return authorization number and shipping address. (Authorization number must be visible on outside of shipping package to be accepted.)

Do Not return any products via non-trackable services such as regular mail or parcel post. Such products may become lost and Brass Eagle® Inc. will not be responsible for replacement.

### PAINTBALL MARKERS OUT OF WARRANTY

Authorized Service Centers will gladly repair any markers out of warranty for a nominal charge to cover parts and labor. Repairs made by Service Centers will usually be faster and less expensive than those sent back to the factory. Go to www.brasseagle.com/service for service center locations near you. Prior to shipping out of warranty markers, you should first call consumer service at 1-877-877-GAME (4263) for return authorization number and shipping address. (Authorization number must be visible on outside of shipping package to be accepted.) Any out of warranty Marauder™ returned to Brass Eagle® must be shipped prepaid and include the repair fee. Please call the Customer Service number for current repair fees. Brass Eagle® will repair or replace the marker with a reconditioned unit of the same model. If payment is not included, you will be billed for the repair fee plus a \$4.00 invoicing fee. Upon receipt of payment, the marker or its replacement will be shipped to you. In the event that the marker includes no means of contacting the sender or no payment for repairs is received within 60 days of billing, the ownership of the marker will be forfeited and it will be disposed of at the discretion of Brass Eagle® Inc.

## SPECIAL INSTRUCTIONS

### Maintenance/Operation

Follow all procedures listed in this manual. In addition, periodically check the hose assembly for leaks or fraying.

### Safety

Do not allow the hose to be pinched in any way. The hose is durable but is not intended to act as a trigger guard.

## FIELD STRIP GUIDE

### Bolt and Striker removal

- STEP 1. Remove gas supply from marker.
- STEP 2. Make sure cocking handle is in the forward position. Pull trigger to release if necessary.
- STEP 3. Remove quick pull pin (Figure B).
- STEP 4. Remove grip pull pin (Figure C).
- STEP 5. Remove striker/bolt plug from the rear of the marker (Figure D).
- STEP 6. Remove spring, spring guide, spacer and bumper from lower receiver (Figure E).
- STEP 7. You can now remove bolt/striker from rear of marker (Figure F).

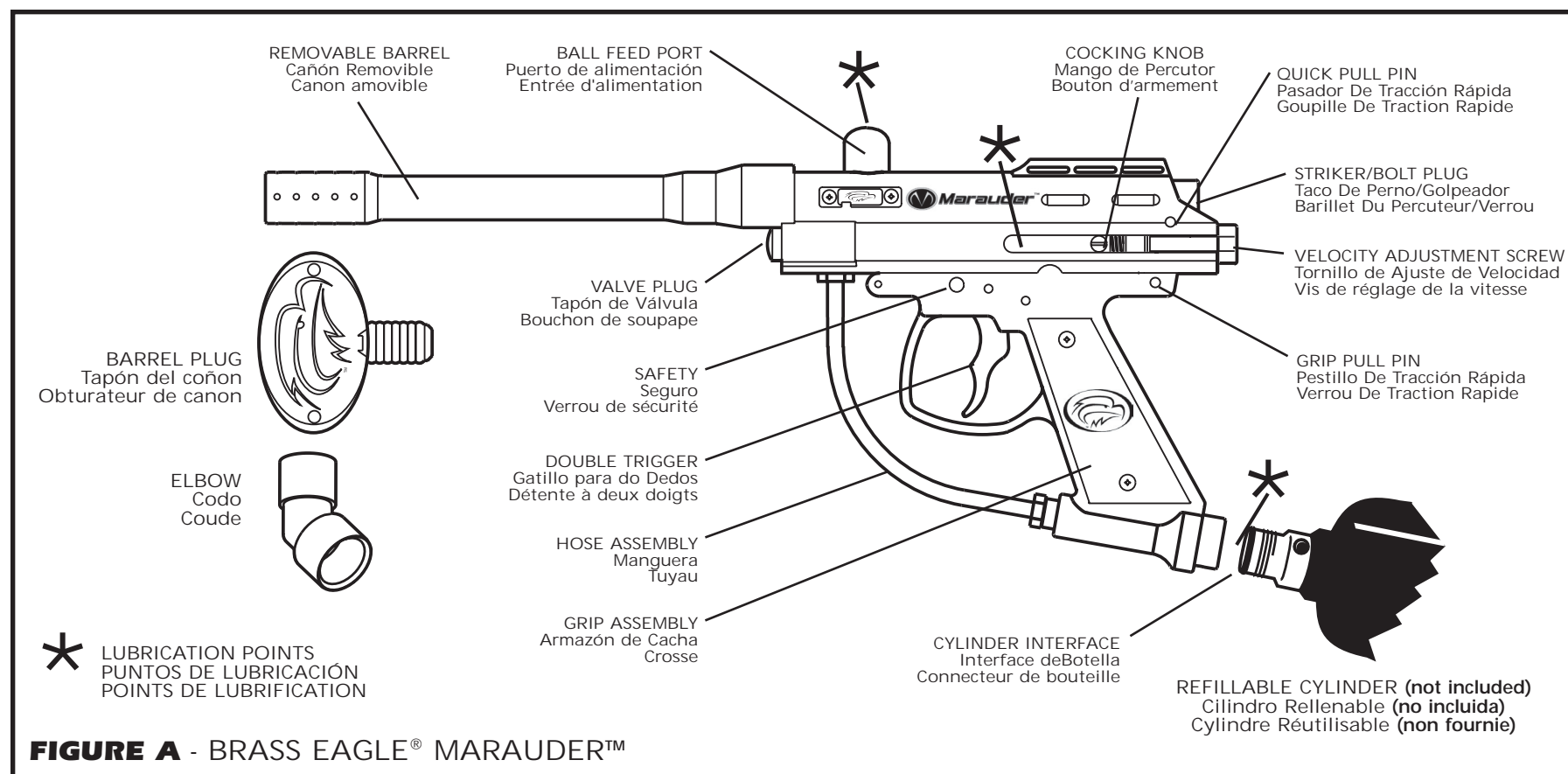


FIGURE A - BRASS EAGLE® MARAUDER™

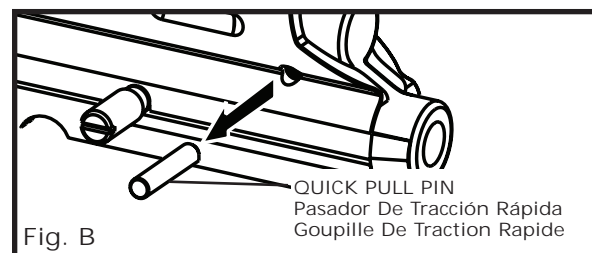


Fig. B

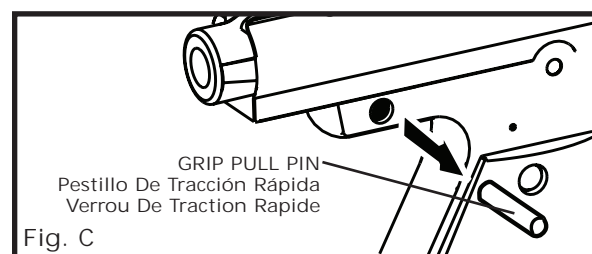


Fig. C

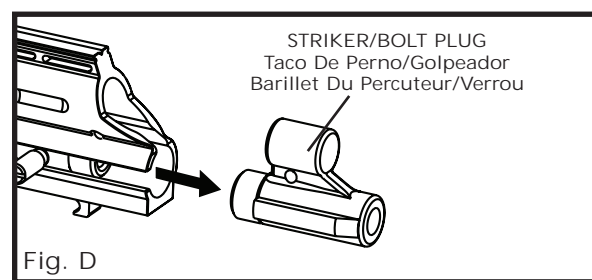


Fig. D

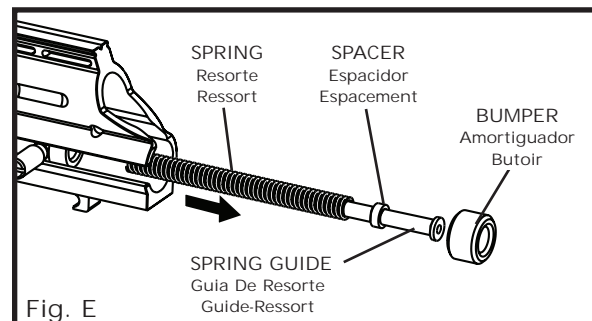


Fig. E

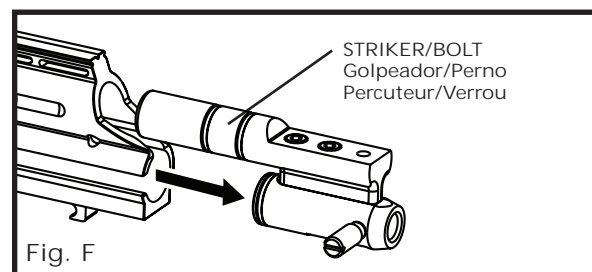


Fig. F

## REASSEMBLY

Follow the steps above in reverse order. Lubricate all wear points with a light grade lubricant.

## TROUBLESHOOTING GUIDE

PROBLEM	CAUSE	CURE
<b>Gas Leaks from Cylinder Connection</b>	Damaged Cylinder O-ring	Replace O-ring
<b>Gas Leaks from Inside Barrel</b>	Damaged Valve Seal	Replace Valve Stem Assembly
<b>Marker Fails to Discharge</b>	Marker Wasn't Cocked	Cock Marker Before Firing
	Lack of Gas Pressure	Refill Cylinder
	Lack of Lubricant or Paintball Debris	Refer to Field Strip Guide Section
<b>Marker Fails to Recock</b>	Gas Source Not Fully Engaged	Screw Gas Source into Bottom Line Constant Air Adapter.
	Damaged Striker O-ring	Replace Striker O-ring
	Lack of Gas Pressure	Refill Cylinder
<b>Rapid Fire or Mechanism Sticks or Hangs Up</b>	Broken Shell	Clean Mechanism
	No Lubrication	Lubricate Bolt and Striker
<b>Broken Paintballs</b>	Excessive Paint Buildup in Barrel	Squeeze out paintball particles from barrel
	Defective Paintballs	Replace Paintballs

## OPERATING INSTRUCTIONS

**!** **WARNING:** Be sure the paintball marker is always pointed in a safe direction. Read the following operating instructions and WITHOUT LOADING ANY PAINTBALLS proceed several times through the operating steps with your paintball marker (dry fire the paintball marker at a safe target) so that you will be able to operate the marker properly and safely.

**STEP 1. PUT ON "SAFE":** Push safety from left to right: no red band showing. Make sure barrel plug is placed securely in muzzle of marker

**STEP 2. COCK:** Cock marker by pulling cocking handle fully back until locked in rear position. The Marauder™ is a semi-automatic marker, which will re-cock itself after firing when working properly.

**STEP 3. ATTACH GAS SOURCE:** Marker can be used with a Brass Eagle® constant air refillable cylinder (not included). You should expect better gas efficiency with a larger refillable cylinder. (RECOMMEND Brass Eagle® 9oz. refillable cylinder. Item #1471.) **NOTE: Add 3 drops of lubricant to the ASA adapter prior to attaching the refillable cylinder.**

### STEP 4. LOAD PAINTBALLS:

- 1) Mount ball feed elbow (included) to ball feed port (Figure A). Push and rotate to seat elbow completely. If this is too difficult, put 2 drops of oil on ball feed port and repeat step 1.
- 2) Insert loader (not included) into ball feed elbow. (RECOMMEND Viewloader® Revolution™ electronic loader Item# 5011)
- 3) Pour paintballs into loader. NOTE: Paintballs are gravity fed from loader to the marker each time the trigger is pulled. Too

rapid a rate of fire, broken balls or too many balls in loader may cause subsequent balls to break and will adversely affect the paintball marker's accuracy. Use a squeegee to clean inside the paintball marker's barrel. (RECOMMEND Brass Eagle®, Viewloader® or JT® brand

.68 caliber paintballs.) Paintballs should be stored in a cool, dry place in sealed plastic bags. Do not subject to freezing, excessive heat, humidity or store in direct sunlight. These conditions may cause ball breakage and/or poor feeding.

**STEP 5. EYE PROTECTION:** Make sure everyone within range (200 yards) is properly protected from paintball impacts.

**STEP 6.** Remove barrel plug and take off safe by pressing safety from right side of paintball marker until red band is showing.

**STEP 7. VERIFY VELOCITY:** Verify that the paintball marker's velocity is below 300 feet per second or less if required by playing field. Velocity should be measured with a chronograph prior to playing paintball. Velocity may be adjusted by turning the velocity adjustment screw (See Figure A) Using a 3/16" allen key turn the screw clockwise to increase velocity and counter-clockwise to decrease velocity. (RECOMMEND Viewloader® on-barrel chronograph to verify velocity. Item #7815.) **NOTE:** Additional velocity adjustment available by adding or removing spacer. (Figure E).

**STEP 8. FIRE:** Paintball marker is now ready to fire.

**!** **WARNING:** Never shoot at anyone without proper protective equipment for eyes, which must be worn at all times. Eye protection must be designed specifically for paintball use. Failure to follow these safety precautions may result in bodily injury including blindness and deafness.

## UNLOADING YOUR MARAUDER

**!** **WARNING:** Always wear proper eye, face and ear protection designed especially to stop paintballs while unloading your Marauder paintball marker.

**STEP 1.** Make sure barrel plug is securely in barrel.

**STEP 2.** Put Marker on safe.

**STEP 3.** Remove loader.

**STEP 4.** Turn marker upside down to remove paintballs from elbow and feed port.

**STEP 5.** Remove barrel.

**STEP 6.** Point marker toward ground in a safe direction and fire several times to insure it is completely unloaded. Put marker back on safe.

**STEP 7.** Remove gas source.

**STEP 8.** Use squeegee to dislodge any paintballs from barrel and replace barrel plug.

**STEP 9.** Replace barrel.

Do not unload your marker indoors.

**!** **WARNING:** Do not look down the breach or barrel of the marker while gas source is attached.

