



**FSC**™

**OWNERS MANUAL**



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# WARNINGS

## WARNING/LIABILITY STATEMENT

This marker is not a toy and is surrendered by UTS, with the understanding that the purchaser assumes all liability from unsafe handling or any action that constitutes a violation of any applicable laws or regulations. UTS, shall not be liable for personal injury, loss of property or life resulting from the use of this product under any circumstances, including any intentional, reckless, negligent or accidental discharges.

All information contained in this manual is subject to change without notice. UTS, reserves the right to make changes and improvements to products without incurring any obligation to incorporate such improvements in products previously sold.

If you, as a user, do not accept liability, UTS, requests that you do not use a UTS marker. By using this UTS marker you release UTS, of any and all liability associated with its use.



**WARNING:** PAINTBALL GUNS AND PAINTBALL GUN ACCESSORIES ARE NOT TOYS!

- Careless use or misuse may result in serious bodily injury or death!
- Eye protection designed for paintball must be worn by the user and all persons within range.
- Must be 18 years of age or older to operate or handle any paintball gun and paintball gun accessories without adult or parental supervision.
- Read and understand all cautions, warnings, and operating manuals before using any paintball gun or paintball gun accessory.
- Do not aim paintball gun at eyes or head of people or at animals.
- Paintball guns are to be used with paintballs only.
- Use common sense and have fun.

Any tampering with the unit voids your warranty. Please consult with a First Strike® service center before performing any maintenance. The use of non factory authorized components within this product may cause a fire or shock hazard.

**IN NO EVENT SHALL SELLER BE LIABLE FOR ANY DIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES OF ANY NATURE, OR LOSSES OR EXPENSES RESULTING FROM ANY DEFECTIVE PRODUCT OR THE USE OF ANY PRODUCT.**

**WARNING:** This product may contain chemicals known to the state of California to cause cancer and/or birth defects of other reproductive harm. Wash hands after handling.

You must be at least 18 years of age to purchase this product. This product may be mistaken for a firearm by law enforcement officers or others. Altering the color of the product or brandishing the product in public may be dangerous and may be considered a crime.



## QUICK START GUIDE

Thank you for purchasing the First Strike FSC Pistol. Like any paintball marker, it is important that safety is on the forefront of your mind at all times when using this product. Never operate the FSC without ASTM compliant goggles or aim at anyone that is not wearing proper goggles intended for the game of Paintball. The First Strike FSC is an advanced system that is suitable for all levels of play and will provide years of service if the following steps are meticulously followed.

1. Before airing up, place 3 drops of First Strike approved oil at the top of the CO<sub>2</sub> Air Cavity.
2. Insert the barrel into the front of the FSC, and twist into locked position by inserting your finger into the barrel and twisting.
3. Insert 8gram CO<sub>2</sub> Jet into Magazine by placing in CO<sub>2</sub> Cavity.
4. Engage the air source by twisting flip-knob base screw.
5. Insert magazine into grip firmly
6. Dry fire 3-4 times to distribute oil evenly through the marker.
7. Chrono your FSC prior to use.

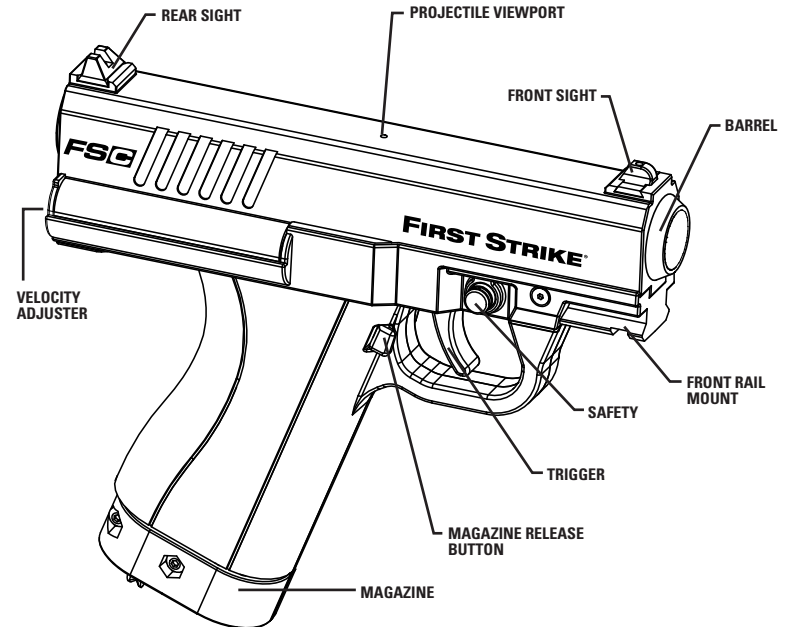
### → CATCH TECH TIPS AND INFO ON:



### → DON'T FORGET TO REGISTER!

Register your FSC at [www.first-strike.com](http://www.first-strike.com)

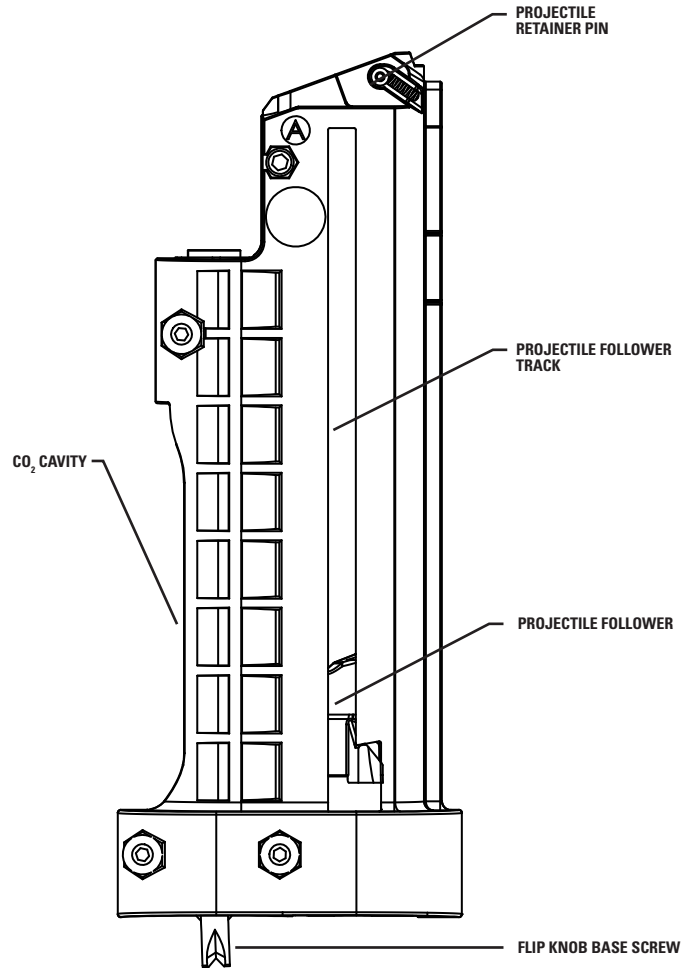
## FSC DIAGRAM



MODEL SPECIFICATIONS			
CALIBER	.68	HEIGHT	6.5"
ACTION	SEMI-AUTO	BARREL LENGTH	5"
POWER	CO <sub>2</sub>	WEIGHT	1.7 LBS
LENGTH	8"	MAGAZINE	6 ROUNDS



## FSC MAGAZINE DIAGRAM



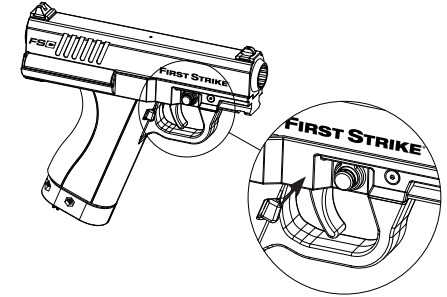
## OPERATIONAL INSTRUCTIONS

### GETTING STARTED

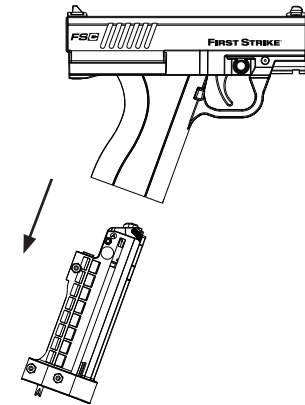
Read this entire manual before using this launcher. Keep your launcher pointed in a safe direction at all times.

- 1. SAFETY** - Place the FSC™ in safe mode by pushing the safety button so no red is visible.

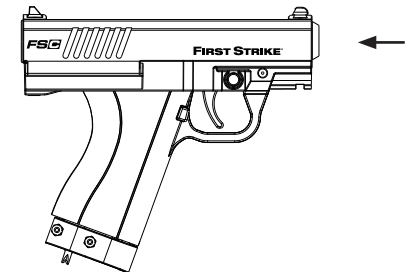
\* Visible red indicates that launcher will discharge.



- 2. UNLOADING MAGAZINE** - Ensure there are no projectiles in the launcher by placing your hand under the magazine, pressing the magazine release, and pulling the magazine free from the FSC™. Look inside the grip of FSC™ and ensure that no projectiles remain in the chamber or barrel area. Visually inspect the projectile viewport to ensure that no projectiles are visible.



- 3. REMOVING THE BARREL** - Verify that no projectiles remain in the chamber area of the barrel by pressing on the end of the barrel and turning counterclockwise. The barrel can then be removed by pulling it out of the receiver. Note the channel in the barrel and the barrel lock in the receiver as it slides free. To reattach the barrel, align the channel with the barrel lock, slide the barrel back into the receiver, push on the end of the barrel, and turn clockwise until the barrel locks into place. Pull on the end of the barrel to ensure it is properly seated.





## OPERATIONAL INSTRUCTIONS

**4. LOAD PROJECTILES** - Insert a maximum of 6 projectiles into the magazine from the top (Diagram 1). The projectiles will be held in place automatically by the projectile retainer pin. You can also lock the Projectile Follower in the down position by pulling down on the Projectile Follower ears. FSR projectiles must be oriented as shown in the illustration. (Diagram 2)

### LOAD PROJECTILE

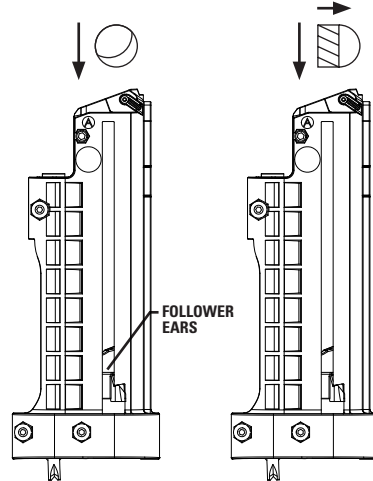


Diagram 1

Diagram 2

**5. LOADING CO<sub>2</sub> CARTRIDGE** - Obtain an 8 gram CO<sub>2</sub> cartridge. Insert the CO<sub>2</sub> cartridge into the CO<sub>2</sub> slot of the magazine with the small end of the CO<sub>2</sub> cartridge pointing up and into the puncture pin of the magazine (Diagram 3)

**6. SEALING THE CO<sub>2</sub> CARTRIDGE** - If the FSC™ will be used immediately, place the magazine into the FSC™ and seat it fully. Pull down the Flip Knob Base Screw (Diagram 4) and turn clockwise until the small end of CO<sub>2</sub> cartridge just touches the puncture pin. Then, quickly turn the flip knob clockwise until the cartridge is punctured and sealed. Ensure that no CO<sub>2</sub> gas is escaping from the puncture pin area.

**7. STAGING** - If the FSC™ will not be used immediately and is only being staged for future use, tighten the flip knob base screw until the small end of the CO<sub>2</sub> cartridge just touches the puncture pin. Be sure the pin does NOT puncture the CO<sub>2</sub> cartridge.

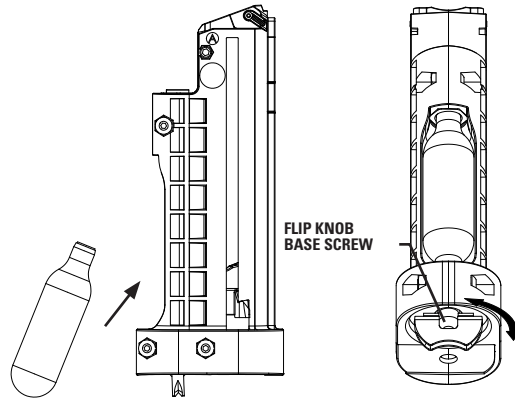


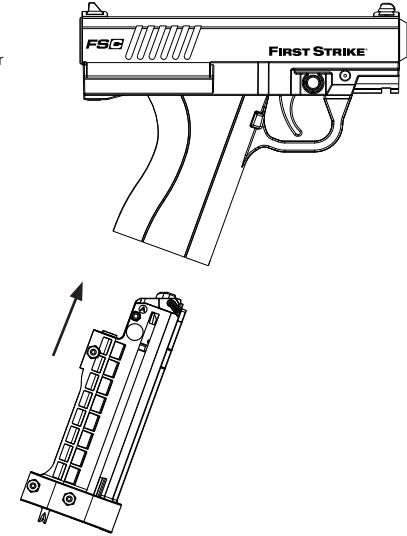
Diagram 3

Diagram 4

## OPERATIONAL INSTRUCTIONS

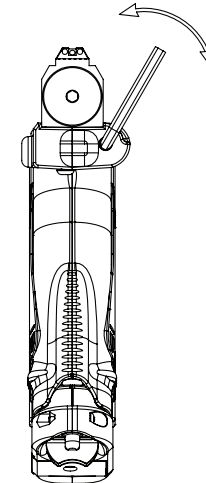
**8. LOAD MAGAZINE** - Place the magazine in the grip of the FSC™ as illustrated below. Once the magazine has started into the grip seat continue to insert the magazine until it is secured by the magazine catch. Follow the steps outlined for immediate use in step 6 of Getting Started.

**NOTE:** If magazine does not lock on first insertion, remove it completely and reinsert.



## SET VELOCITY

1. Insert provided 3/16" hex key as depicted.
2. To increase velocity, turn clockwise. To decrease velocity turn counter-clockwise.
3. Fire once to clear chamber after each adjustment, then measure velocity of the second shot.





## FSC CLEANING & MAINTENANCE

### CLEANING

- Never perform maintenance on a loaded or pressurized FSC Pistol
- Remove all projectiles from the magazine and marker prior to doing any cleaning or maintenance. Never use petroleum based cleaning solvents or lubricants.
- Do not use cleaning solvents that come in aerosol cans.
- To clean the FSC Pistol, remove the barrel as described in the "Operational Instructions". Use a .68 caliber soft nylon brush or 12 gauge patch tip with a soft cotton cloth to clean the barrel. Do not place lubricant or water in the barrel of the FSC Pistol. It is designed to be used with the barrel completely dry. This is a great time to check the ball detents for any wear or damage.
- Wipe off any dirt or grime from the outside of the FSC Pistol with a dry cloth.

### OILING THE MARKER

**IMPORTANT:** Before performing any of the following instructions, remove magazine. Point marker in safe direction and discharge until degassed.

#### FOR OPTIMUM PERFORMANCE, DO THE FOLLOWING MONTHLY:

- Place 2 drops of **NON-PETROLEUM BASED** synthetic paintball marker oil into the top end of the CO<sub>2</sub> Cavity of your FSC Magazine before installing the air source. When the marker gases up the air will blow the oil through out the internals of the marker.

### OPERATIONAL CONSIDERATIONS

- The operational temperature range for the FSC Pistol is 37° F to 120°F.
- The FSC Pistol is designed to operate on a minimum of 800psi of air pressure. If you choose to run a remote, double check your tank output pressure by using a First Strike Air Pressure Kit(Sold Separately).

## WARRANTY & REPAIRS

First Strike® warranties to the original customer purchaser or current owner that this product is free from defects in material and workmanship under normal use and service for a period of 12 months from the original date of purchase by the initial owner/purchaser.

For warranty to be effective, customer must return the First Strike® Warranty Registration card that came with the product within thirty days of purchase or complete the online warranty form. First Strike® agrees to repair or replace (at its discretion) any product within a reasonable period of time. This warranty does not cover o-rings, scratches, nicks, normal wear and tear of parts, any modifications or normal fading of anodizing or damage caused by dropping or hitting of products. This warranty shall not apply if it is shown by First Strike® that the consumer caused the defect or malfunction because of misuse. This warranty only covers original factory parts. Any modifications or tampering of original factory parts will not be covered by this warranty. Any damage caused by water will not be covered by this warranty.

If your paintball product requires repair, please package it carefully and send together with your name, address, phone number, and a brief description of the malfunction to:

First Strike Warranty Support  
2717 Ferguson Rd  
Fort Wayne, IN 46809

Phone Free: 260-478-2500  
9:00am-4:00pm Eastern / Mon-Fri

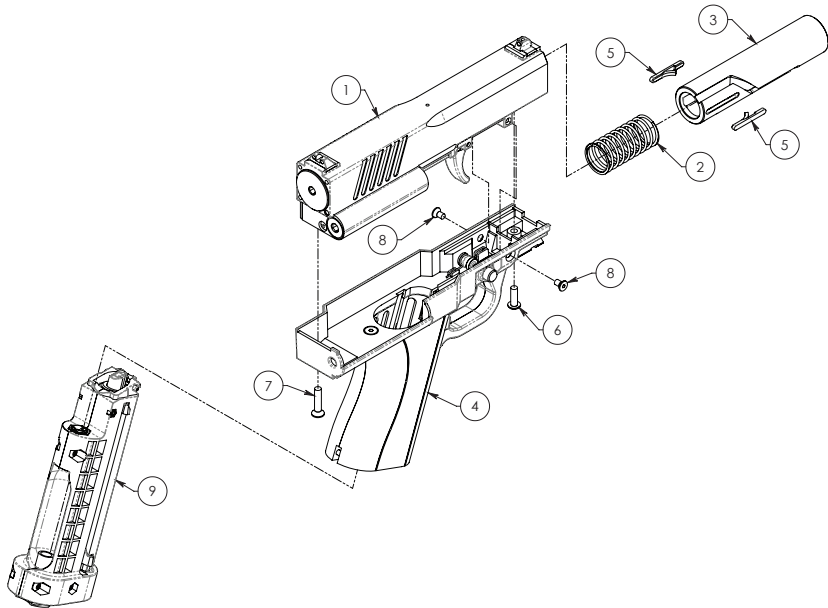
**Note: Always remove the air source or degas the marker while not in use.**



## GUN BODY ASSEMBLY

ITEM NO.	NAME
1	Upper Assembly
2	Firing Bolt Spring
3	Barrel
4	Lower Assembly
5	Rubber Nubbin

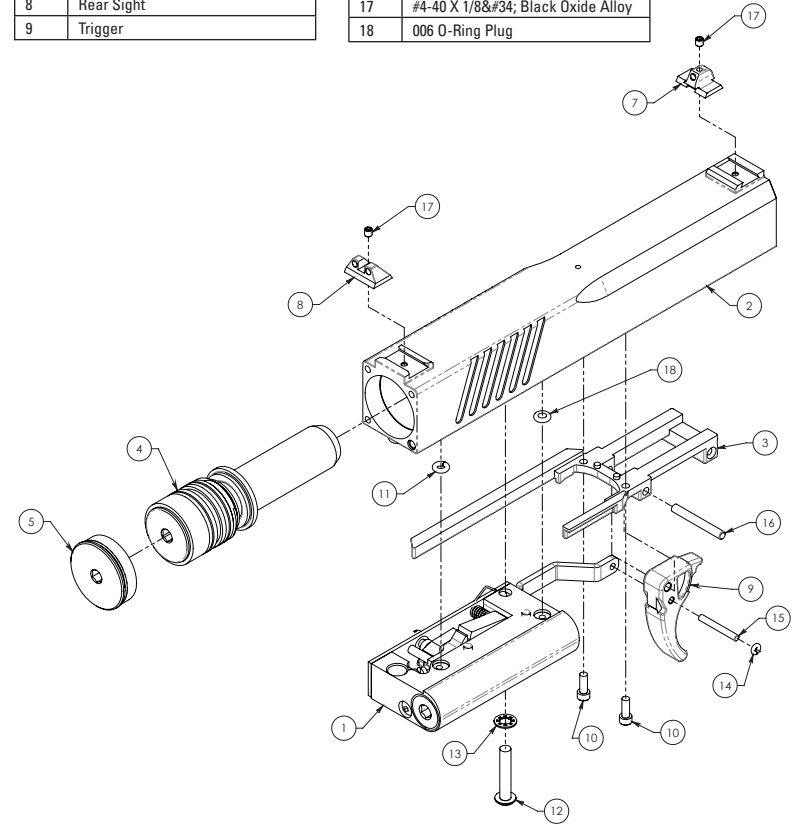
ITEM NO.	NAME
6	#8-32 X 1/2" 18-8 Stainless St
7	Flat Head, 8-32X3/4
8	Soc. Flat Hd, 6-32 X 0.25
9	Magazine



## UPPER ASSEMBLY

ITEM NO.	NAME
1	Regulator
2	Pistol Body
3	Ammo Release Fork
4	Firing Bolt Assembly
5	Gun Body Cap
6	Barrel Lock
7	Front Sight
8	Rear Sight
9	Trigger

ITEM NO.	NAME
10	SHCS #4-40x.3125
11	Reg. Sealing O-Ring
12	#8-32 X 7/8" 18-8 Stainless St
13	#8 Zinc Finish Internal Tooth
14	Push Rod O-Ring
15	3/32" X 3/4" Bright Finish All
16	Dowel Pin 0.1250D X 1.00L
17	#4-40 X 1/8" #34; Black Oxide Alloy
18	006 O-Ring Plug

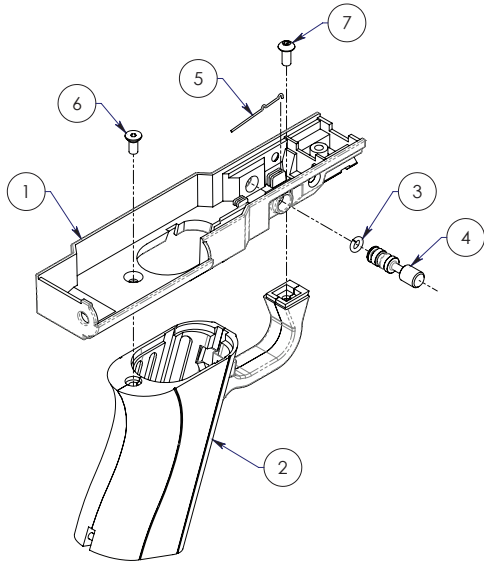




## LOWER ASSEMBLY

ITEM NO.	NAME
1	Upper Frame
2	Handle Assembly
3	Safety O-Ring, Red
4	Safety

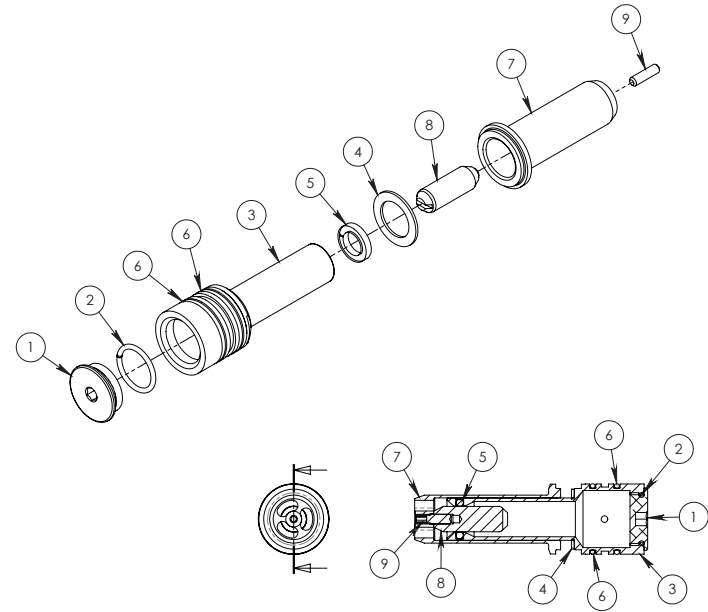
ITEM NO.	NAME
5	Mag Release Spring
6	#8-32 X 3/8" 18-8 Stainless St
7	Bhcs 8-32X0.375 Black Ox



## FIRING BOLT ASSEMBLY

ITEM NO.	NAME
1	Air Chamber Plug
2	Air Chamber Plug O-Ring
3	Air Chamber
4	Air Chamber Shock Absorber
5	Air Chamber Cap O-Ring

ITEM NO.	NAME
6	Air Chamber-Od O-Ring
7	First Strike Firing Bolt
8	FS Firing Pin- 8.1
9	Firing Bolt Set Screw



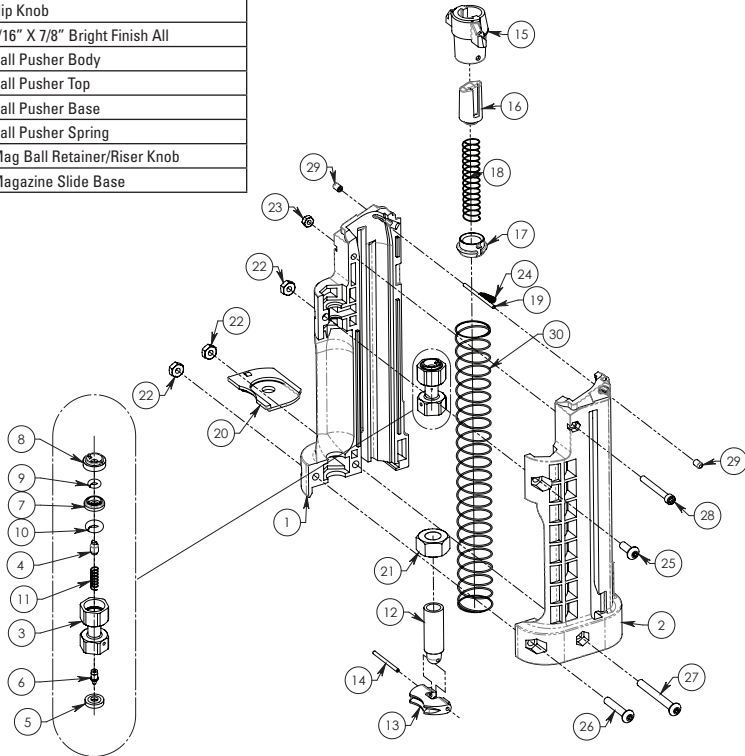




## MAGAZINE ASSEMBLY

ITEM NO.	NAME
1	Main Magazine Body-L
2	Main Magazine Body-R
3	CO <sub>2</sub> Valve Body
4	CO <sub>2</sub> Drum Valve
5	CO <sub>2</sub> Seal
6	CO <sub>2</sub> Puncture Tip
7	Valve Spacer
8	CO <sub>2</sub> Valve Cap
9	Valve Spacer O-Ring
10	CO <sub>2</sub> Valve Body O-Ring
11	CO <sub>2</sub> Valve Spring
12	CO <sub>2</sub> Base Screw
13	Flip Knob
14	1/16" X 7/8" Bright Finish All
15	Ball Pusher Body
16	Ball Pusher Top
17	Ball Pusher Base
18	Ball Pusher Spring
19	Mag Ball Retainer/Riser Knob
20	Magazine Slide Base

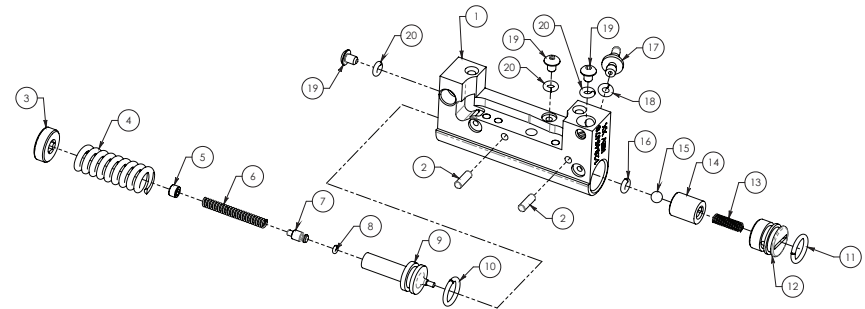
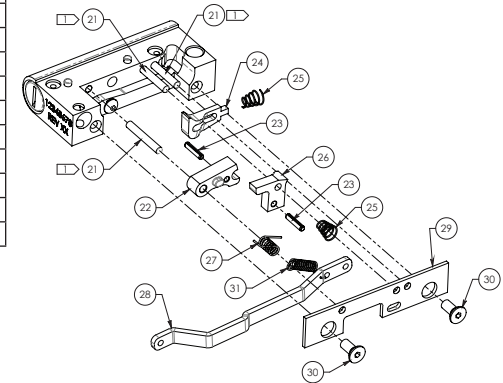
ITEM NO.	NAME
21	3/8"-16 18-8 Stainless Steel
22	6-32 X 1/4" X 3/32" Small Patt
23	#4-40 Black Oxide Stainless Steel
24	Magazine Retainer Spring
25	#6-32 X 3/8" 18-8 Stainless Steel
26	#6-32 X 3/4" 18-8 Stainless Steel
27	#6-32 X 1-1/4" 18-8 Stainless Steel
28	SHCS #4-40x.9375
29	Retainer Pin Cap
30	Magazine Spring



## REGULATOR ASSEMBLY

ITEM NO.	NAME
1	Pistol Regulator Body
2	1/8 X 3/8 18-8 Stainless Steel
3	Regulator Adjuster
4	Regulator Spring
5	Hk 10-32 X 1/8 Socket Jam Screw
6	8.1 Relief Valve Spring
7	Relief Valve
8	Relief Valve O-Ring
9	Regulator Spring Pad-Rv
10	Regulator Spring Pad O-Ring
11	Regulator End Screw O-Ring
12	Regulator End Screw
13	Regulator Valve Spring
14	Regulator Valve Sleeve
15	Regulator Valve Ball
16	Reg Valve/Reg Body Seal O-Ring
17	CO <sub>2</sub> Stem
18	CO <sub>2</sub> Stem O-Ring
19	#6-32 X 3/16" 18-8 Stainless Steel
20	Regulator Sealing O-Ring
21	Regulator Body Pins
22	Sear
23	3/32" X 7/16" 420 Stainless Steel

ITEM NO.	NAME
24	Release
25	Release/Rotator Spring
26	Rotator
27	Sear Spring
28	Push Rod
29	Trigger Cover
30	#8-32 X 3/8" 18-8 Stainless Steel
31	Rotator Return Spring





## TROUBLESHOOTING

### PAINT BREAKAGE

If you experience more than a small number of broken paintballs, check the following:

1. First, be sure that the marker is free of broken paintballs and other debris.
2. Second, make sure that the barrel is locked in its correct position, and that both detents are installed so that they catch a projectile as it enters the breach.
3. Third, make sure the marker is set to a reasonable velocity (never over 300 ft. per sec.)
4. Check bolt assembly. Remove bolt from upper receiver and check for bad o-rings or debris
5. Check magazine for debris.
6. Load rounds in magazine (without CO<sub>2</sub> cartridge installed) and engage PROJECTILE RETAINER PIN - confirm that rounds can be ejected from the magazine without issue.

### MY FSC HAS LOW VELOCITY OR DOES NOT FIRE!

1. If running a remote, make sure your output pressure is above 800psi and is functioning properly.
2. Remove bolt from upper receiver, and re-install. The FSC is designed to not function if the bolt is installed incorrectly.



## FSC WARRANTY REGISTRATION CARD:

NAME: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

DATE OF PURCHASE: \_\_\_\_\_

SERIAL NUMBER: \_\_\_\_\_

**Please detach from product manual,  
place in stamped envelope and send to:**

First Strike Paintball Warranty Support  
2717 Ferguson Rd.  
Fort Wayne, IN 46809





**FIRST STRIKE®**

**Headquarters:**  
28101 Ballard Dr. Ste. F  
Lake Forest, IL 60045

**Manufacturing/Warranty**  
2717 Ferguson Rd  
Fort Wayne, IN 46809

- 1-260-478-2500
- [service@first-strike.com](mailto:service@first-strike.com)
- [FIRST-STRIKE.COM](http://FIRST-STRIKE.COM)

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Patent Info here: [www.first-strike.com/patents](http://www.first-strike.com/patents)

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