

FRANKLIN ARMORY™ BINARY FIRING SYSTEM™ WAIVER AND RELEASE

1. STATEMENT OF OPEN AND OBVIOUS DANGER REGARDING THE BINARY FIRING SYSTEM™:

Firearms, by their very nature, can be lethal. The Franklin Armory™ Binary Firing System™ (BFS™) may inadvertently cause **INJURY** or even **DEATH** if improperly installed or misused. The BFS™ is a unique multi-mode trigger system that requires proper installation and user training for safe operation. Improper use, misuse, or untrained use of the BFS™ may lead to the unintentional discharge of the firearm which may cause the following:

- PROPERTY DAMAGE**
- PERSONAL INJURY TO SELF OR OTHERS, OR DEATH!**

It is imperative that the BFS™ only be installed, adjusted, and/or repaired by a certified Franklin Armory™ armorer. Failure to use a Franklin Armory™ armorer to install your trigger may expose you to serious liability including **PROPERTY DAMAGE, PERSONAL INJURY TO YOUR SELF OR OTHERS, AND/OR DEATH!** Improper installation, use, or tampering with the BFS™ will void the warranty and **MAY LEAD TO UNINTENTIONAL DISCHARGE OF THE FIREARM THAT MAY LEAD TO INJURY OR EVEN DEATH. NEVER ALTER ANY COMPONENT OF THE BFS™.** **AFTER THE BFS™ HAS BEEN PROPERLY INSTALLED, IT IS IMPERATIVE THAT ALL USERS SEEK QUALIFIED TRAINING ON HOW TO USE THESE PRODUCTS.** Please see the coupon on the back side of this waiver for an offer for high quality subsidized training with LMS Defense.

WARNING! **THE FRANKLIN ARMORY™ BFS™ HAS THE ABILITY TO FIRE UPON THE PULL AND THE RELEASE OF THE TRIGGER.** Please refer to the BFS™ manual for further operational instructions.

WARNING! **FRANKLIN ARMORY™ RECOMMENDS THAT ALL USERS ATTEND A TRAINING CLASS OFFERED BY LMS DEFENSE PRIOR TO OPERATING A BFS™ EQUIPPED FIREARM. IMPROPER UNDERSTANDING OF HOW THE TRIGGER OPERATES MAY LEAD TO UNINTENTIONAL DISCHARGE OF THE FIREARM AND MAY LEAD TO INJURY OR EVEN DEATH.**

WARNING! **NEVER USE THE BFS™ WITH ANY ACCESSORY THAT MIGHT CREATE A SAFETY HAZZARD. SOME SLINGS, BUMP FIRE STOCKS, OR OTHER ACCESSORIES MAY NOT BE SAFE FOR USE WITH THIS PRODUCT.**

WARNING! **NEVER RELY ON MECHANICAL FEATURES. IT IS YOUR RESPONSIBILITY TO ENSURE SAFE HANDLING OF ANY FIREARM INCLUDING THIS BFS™ EQUIPPED FIREARM.**

WARNING! **IT IS THE BUYER'S RESPONSIBILITY TO ENSURE THAT THEY ARE IN COMPLIANCE WITH ALL APPLICABLE LAWS AT ALL TIMES WHILE USING THIS PRODUCT. SOME STATES WILL NOT ALLOW CIVILIANS TO USE THE BFS™**

2. COMPREHENSION OF RISK:

The BFS™ trigger has the ability to fire on the pull and the release of the trigger. By purchasing and/or using the Franklin Armory™ BFS™, **YOU COMPREHEND THE INHERENT RISK**, including without limitation, of **LIABILITY, INJURY, LOSS, DAMAGE, or DEATH** as a result of improper installation, use, misuse, tampering, and/or abuse of the BFS™.

3. ASSUMPTION OF RISK:

By purchasing and/or using the Franklin Armory™ BFS™, **YOU ASSUME ALL INHERENT RISK AND PERSONAL RESPONSIBILITY**, including without limitation, of **LIABILITY, INJURY, LOSS, DAMAGE or DEATH** as a result of improper installation, use, misuse, and/or abuse of the BFS™.

4. WAIVER OF RIGHTS:

By purchasing and/or using the Franklin Armory™ BFS™, you waive and release any claim for damages, indemnity, or reimbursement against Franklin Armory™ for any claims, fines, or damages imposed upon you for use of the BFS™. In addition, you agree to release Franklin Armory™ (including its independent contractors, affiliated entities, parent companies, subsidiaries, present and former employees, owners, officers, members, managers, partners, contractors, insurers, shareholders, and directors) from any and all claims, actions, damages, liabilities, losses, costs and expenses (including, without limitation, attorney fees) for death, injury, loss, or damage of property in any way arising out of the purchase and use of the Franklin Armory™ BFS™. By purchasing and/or using the Franklin Armory™ BFS™, you agree to limit liability to actual damages arising from gross negligence or willful misconduct of Franklin Armory™. In no event shall Franklin Armory™ be liable for any special, incidental, punitive, or consequential damages or other indirect damages.

5. INDEMNIFICATION:

By purchasing or using the Franklin Armory™ BFS™, you agree to accept responsibility for your use of the product and any consequence or fine imposed upon you by any government entity or third party and to indemnify and hold harmless Franklin Armory™ for any claims made resulting from your use of the BFS™.

6. TRANSFER OF PRODUCT:

If you should sell, lease, let someone borrow or use, or in any way transfer the BFS™ to any other individual, you agree, as a condition of acquiring this product, to accept the responsibility of insuring that the transferee is fully aware and agrees to the conditions set forth herein. Failure to this product to a third party without first providing acknowledgement and acceptance by the transferee of the conditions set herein will be grounds for liability on the part of the transferor.

7. BINDING EFFECT:

By purchasing the Franklin Armory™ BFS™, you agree that this waiver shall be binding upon you as well as your next of kin, personal representatives, heirs, beneficiaries, and assigns and shall inure to the benefit of Franklin Armory™ and successors and assigns of Franklin Armory™.

8. SEVERABILITY:

If any provision of this Waiver and Release is for any reason declared to be invalid or unenforceable, the validity and enforceability of the remaining provisions will not be affected. The invalid or unenforceable provision will be deemed modified to the extent necessary to render it valid and enforceable, and if no modification may render it valid and enforceable, this Waiver and Release will be construed as if not containing such provision and the rights and obligations of the parties will be construed and enforced accordingly.

9. GOVERNING LAW:

This Waiver and Release shall be governed in all respects by the laws of the state of Nevada without regard to conflict and law principles. Any action or claim shall be brought in Douglas County, Nevada.

10. DISPUTE RESOLUTION: ARBITRATION

To the extent permitted by applicable law, any controversy or claim arising out of or relating to the product, its design, functionality, or materials, and this contract, or breach thereof, will be settled by binding arbitration in accordance with the Commercial Arbitration Rules of the American Arbitration Association. Under this arbitration provision, you give up the right to resolve any controversy or claim arising out of or relating to the product, including its design, functionality, materials, or this contract by a judge and/or a jury. You also agree not to participate as a class representative or class member in any class action litigation, any class arbitration or any consolidation of individual arbitrations. The parties specifically agree to the binding nature of the arbitration.

11. VOLUNTARY ACTION:

While we sincerely value every Franklin Armory™ customer, there is no necessity for anyone to own a Franklin Armory™ BFS™. There are many other high quality firearms and triggers that the consumer may purchase instead of our products. Please take your time in deciding whether to purchase the BFS™ products. We intend to maintain supply, so please do not rush this important decision. Please contact the Franklin Armory™ factory if you have any questions. However, if for any reason the conditions set forth in this agreement are unacceptable to you, **THEN DO NOT PURCHASE THIS PRODUCT.**

If you have already purchased a Franklin Armory™ BFS™, and you do not agree to the terms set herein, then we encourage you to **IMMEDIATELY RETURN THE PRODUCT TO YOUR RETAILER** in an unused, new, condition. Refund terms will be set by each independent retailer.

THIS IS A WAIVER AND RELEASE OF LIABILITY. YOU AGREE TO THIS ENTIRE DOCUMENT. YOU AGREE TO ALL OF THE PROVISIONS HEREIN AND UNDERSTAND THAT YOU HAVE GIVEN UP SUBSTANTIAL RIGHTS BY AGREEING TO ALL OF THE PROVISIONS. BY PURCHASING, AND CONTINUING TO RETAIN THESE PRODUCTS, YOU ARE INDICATING YOUR VOLUNTARY AGREEMENT TO THE PROVISIONS OF THIS WAIVER AND RELEASE OF LIABILITY.

Thank you for purchasing your new firearm equipped with the Binary Firing System™

We want to do everything we can to help you be safe with your new firearm. Franklin Armory™ has partnered with LMS Defense to provide high quality training specifically addressing operational skills with the BFS™. Both LMS Defense and Franklin Armory™ believe in *safety first*. As such, LMS Defense is offering incentivized BFS™ training to all buyers of the BFS™. Take as much as \$100 off on a two day class! To sweeten the deal, Franklin Armory™ will further incentivize BFS™ buyers to take the training by offering a 25% discount code to all BFS™ owners that pass an LMS Defense class covering BFS™ curricula.

To register, go to www.lmsdefense.com/schedule and use **“Franklin BFS”** as the discount code to get \$50 off a one day class or \$100 off a two day class.



Offer void where prohibited by law. Offer subject to change.

FRANKLIN ARMORY™ BFS™ MANUAL

WARNING!

READ AND COMPREHEND THIS DOCUMENT ENTIRELY BEFORE USING THE BFS™

WARNING!

THE FRANKLIN ARMORY™ BFS™ HAS THE ABILITY TO FIRE UPON THE PULL AND THE RELEASE OF THE TRIGGER. READ AND UNDERSTAND THE OPERATION OF THIS FIREARM BEFORE USING IT!

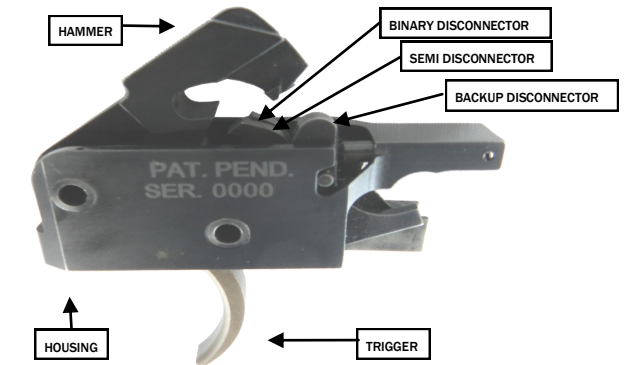
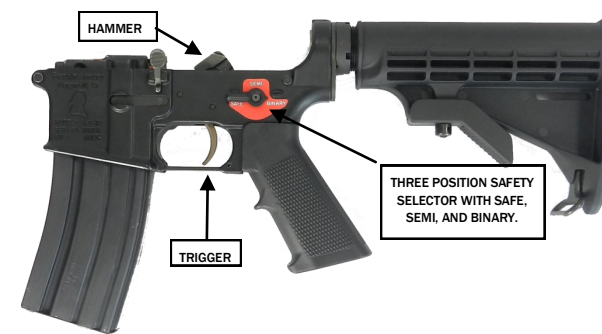
WARNING!

THIS PRODUCT IS SOLELY DESIGNED FOR USE BY PROFESSIONAL LAW ENFORCEMENT AND HIGHLY TRAINED PERSONNEL.

WARNING!

FRANKLIN ARMORY™ RECOMMENDS THAT ALL USERS ATTEND A TRAINING CLASS OFFERED BY LMS DEFENSE PRIOR TO OPERATING A BFS™ EQUIPPED FIREARM. IMPROPER UNDERSTANDING OF HOW THE TRIGGERS OPERATE MAY LEAD TO UNINTENTIONAL DISCHARGE OF THE FIREARM AND MAY LEAD TO INJURY OR EVEN DEATH.

BFS™ COMPONENT IDENTIFICATION AND NOMENCLATURE:



BFS™ Three Position Safety Selector:

“SAFE” MODE:

As viewed from the left side of the firearm, “Safe” Mode is indicated by the Safety Selector pointing to the 9 o'clock position. (See Figure 1.) In order for Safety Selector to be placed into this position, the Hammer must be cocked. While in Safe Mode, the Trigger will be prevented from moving due to contact with the Safety Selector.



Figure 1

“SEMI” MODE:

When the Safety Selector is pointing straight up at 12 o'clock, the firearm is in Semiautomatic Mode. (See Figure 2.) For ease of reading, “Semi” is used to equate to Semiautomatic Mode. In this position, the firearm will fire one round with every pull of the Trigger. It is not designed to fire upon release of the Trigger while in this mode.



Figure 2

“BINARY” MODE:

As viewed from the left side of the firearm, “Binary” Mode is indicated by the Safety Selector pointing to the 3 o'clock position. (See Figure 3.) In this position, the firearm will fire one round with every *pull* of the Trigger, and one round with every *release* of the Trigger. If the operator, after pulling the Trigger while in Binary Mode, should decide to negate the option of firing a round with the release function of the Trigger, he or she may keep the Trigger held back while using the offhand to modulate the Safety Selector back to Semi Mode. (See Figures 4 and 5.) After fully modulating the Safety Selector back to Semi Mode, the operator can then release the Trigger and allow it to reset on the sear.



Figure 3



Figure 4



Figure 5

WARNING: This task does require fine motor skills. Consequently, always point the muzzle in a safe direction while performing this task!

It is important to note that the BFS™ Safety Selector is designed to lockout the option of rotating from Semi Mode to Binary Mode while the Trigger is held back. Do not attempt to force the Safety Selector further during this instance.

BACKUP DISCONNECTOR FUNCTION:

As required by Federal Law, the BFS™ has been engineered to prevent hammer follow. While operating in Binary Mode, and when the Trigger is pulled, the Hammer will be released to travel forward and hit the Firing Pin. When the firearm action automatically loads another round in the chamber and re-cocks the action, the operator may release the Trigger and fire once again. If the operator were to leave their finger at the position that the firearm discharged on the release stroke, a safety device called the Backup Disconnecter is designed to capture the Hammer in the rearward position while the carrier is still out of battery.

In order to release the Hammer from the Backup Disconnecter, the operator has two options:

The operator can pull the Trigger slightly further rearward until the Hammer falls off of the Backup Disconnecter. An audible click will be heard as the Hammer is released by the Backup Disconnecter, and the Hammer will be held back by the Binary Disconnecter. **When the operator releases the Trigger, the Hammer will travel forward and impact the Firing Pin causing the weapon to fire.**

The second option is that the operator may remove their finger from the trigger guard area and simply rotate the Safety Selector back to “Semi.” In doing so, an audible click will be heard as the Hammer is released by the Backup Disconnecter. At this point, the Hammer will be held back by the sear. (The sear is the fine edge contact point between the Hammer and Trigger that holds the Hammer back until the Trigger is pulled.)

WARNING: Always point the muzzle in a safe direction whether pulling, holding back, or releasing the Trigger.

WARNING: Always point the muzzle in a safe direction when modulating the Safety Selector.

MAGAZINE CHANGES WITH THE BFS™:

When the firearm runs out of ammunition between a pull function and a release function, the Backup Disconnecter will retain the Hammer in the rearward position. If this should occur, options 1 or 2 above will remedy the situation. **However, we recommended that every operator should modulate the Safety Selector to Safe Mode during every magazine change.** This operation will prevent the possibility of starting a new magazine with a release function.

WARNING: While changing magazines in Binary Mode, it is possible to have the Hammer retained by the Backup Disconnecter. If so, pulling the Trigger will result in the Hammer being released by the Backup Disconnecter. The Hammer would then be captured by the Binary Disconnecter. **WHEN THE TRIGGER IS THEN RELEASED, THE HAMMER WILL BE ALLOWED TO TRAVEL FORWARD AND HIT THE FIRING PIN! ALWAYS POINT THE FIREARM IN A SAFE DIRECTION!**

Before using your BFS™ equipped firearm for the first time, and each time you use your firearm again thereafter, we recommend that each operator run through the following litany of dry fire function checks. By doing so, you will not only ensure that your BFS™ is operating correctly, you will also train your thought process on what to expect from your trigger system.

WARNING: Always insure that your firearm is completely unloaded before performing a dry fire test. Remove the ammunition magazine, and insure that there is not a loaded round in the chamber. Best yet, perform this task with the upper receiver and magazine removed.

WARNING: Even though you believe your firearm is unloaded, it is always important to point your muzzle in a safe direction while performing the following tasks.

BFS™ Dry Fire Function Checks

1. Function check the Safety, Scenario I.

- A. Ensure that the Safety Selector is on “Semi” Mode
- B. Ensure that the Hammer is un-cocked.
- C. Attempt to move the Safety Selector to “Safe” Mode.
- D. While it may rotate a little, the Safety Selector should not be able to go into “Safe” Mode.

2. Function check the Safety, Scenario II.

- A. Ensure that the Hammer is cocked on the sear.
- B. Move the Safety Selector to “Safe” Mode.
- C. Pull the Trigger.
- D. The Trigger should not move.
- E. Move the Safety Selector back to “Semi” Mode.
- F. The Hammer should not fall forward.

3. Function check the transition from “Semi” to “Safe.”

- A. Ensure that the Hammer is cocked on the sear.
- B. Move the Safety Selector to “Semi” Mode.
- C. Pull the Trigger and keep it held back.
- D. The Hammer should fall forward and impact the Firing Pin.
- E. With the Trigger still held back, re-cock the Hammer on the Semiautomatic Disconnecter.
- F. While turning the selector back to “Safe” Mode, the Hammer should fall to the sear.
- G. Release the Trigger.
- H. The Hammer should not move.

4. Function check Semi Mode.

- A. Ensure that the Hammer is cocked on the sear.
- B. Pull the Trigger and keep it held back.
- C. The Hammer should fall forward and impact the Firing Pin.
- D. With the Trigger still held back, re-cock the Hammer.
- E. It should now be held back by the Semiautomatic Disconnecter.
- F. Release the Trigger
- G. The Hammer should now fall to the sear and not to the Firing Pin.

5. Function check the transition from “Semi” to “Binary,” Scenario I

- A. Move the Selector to “Semi” Mode.
- B. Ensure that the Hammer is cocked.
- C. Pull the trigger and keep it held back.
- D. The Hammer should fall forward and impact the Firing Pin.
- E. With the Trigger still held back, re-cock the Hammer on the Semiautomatic Disconnecter.
- F. Hold the Trigger back while turning the Safety Selector to Binary Mode.
- G. The Selector should not turn all the way to Binary Mode.
 - i. Note: The Safety Selector should only rotate half way between Semi Mode and Binary Mode.
- H. Move the Safety Selector back to Semi Mode.
- I. The Hammer should not have fallen while manipulating the selector.
- J. Now release the Trigger.
- K. The Hammer should fall off of the Semiautomatic Disconnecter and be caught by the sear.

6. Function check the transition from “Semi” to “Binary,” Scenario II

- A. Move the Selector to “Semi” Mode.
- B. Ensure that the Hammer is cocked.
- C. Pull the trigger and keep it held back.
- D. The Hammer should fall forward and impact the Firing Pin.
- E. With the Trigger still held back, re-cock the Hammer on the Semiautomatic Disconnecter.
- F. Hold the trigger back while turning the Safety Selector to Binary Mode.
- G. The Selector should not turn all the way to Binary Mode.
 - i. Note: The Safety Selector should only rotate half way between Semi Mode and Binary Mode.
- H. Release the Trigger.
- I. The Hammer should not have fallen.
- J. Move the Safety Selector back to Semi Mode
- K. At some point in the travel, the Hammer should fall off of the Semiautomatic Disconnecter and on to the sear.

7. Function check Binary Mode.

- A. Ensure that the Hammer is cocked on the sear.
- B. Move the Safety Selector to “Binary” Mode.
- C. Pull the Trigger and keep it held back.
- D. The Hammer should fall forward and impact the Firing Pin.
- E. Re-cock the Hammer on the Binary Disconnecter.
- F. Release the Trigger completely, and the Hammer should fall to the Firing Pin.

8. Function check the Backup Disconnecter engagement.

- A. Ensure that the Hammer is cocked on the sear.
- B. Ensure that the Safety Selector is in “Binary” Mode.
- C. Pull the Trigger and keep it held back.
- D. The Hammer should fall forward and impact the Firing Pin.
- E. Re-cock the Hammer on the Binary Disconnecter.
- F. Slowly release the Trigger until the Hammer is allowed to fall forward to the Firing Pin.
- G. Without moving the Trigger position, re-cock the Hammer.
- H. Release the Trigger.
- I. The Hammer should now be captured by the Backup Disconnecter.

9. Function check the Backup Disconnecter release.

- A. Ensure that the Safety Selector is in Binary Mode.
- B. Ensure that the Hammer is captured by the Backup Disconnecter
- C. Pull the Trigger.
- D. The Backup Disconnecter should release the Hammer.
- E. The Binary Disconnecter should catch the Hammer.
- F. An audible click should be heard
- G. Release the trigger.
- H. The Hammer should fall forward and hit the Firing Pin.

10. Function check intermodal release of the Backup Disconnecter.

- A. Ensure that the Safety Selector is in Binary Mode.
- B. Cock the Hammer and push it back until it is captured by the Backup Disconnecter.
- C. Move the Safety Selector back to “Semi.”
- D. The Hammer should fall off the Backup Disconnecter and rest on the sear.

11. Function check intermodal travel from Binary Mode to Semi Mode.

- A. Ensure that the Hammer is cocked on the sear.
- B. Ensure that the Safety Selector is in “Binary” Mode.
- C. Pull the Trigger and keep it held back.
- D. The Hammer should fall forward and impact the Firing Pin.
- E. Re-cock the Hammer on the Binary Disconnecter.
- F. While continuing to hold the Trigger back, rotate the Safety Selector from “Binary” Mode to “Semi” Mode.
- G. Release the Trigger.
- H. The Hammer should fall off the Semiautomatic Disconnecter and rest on the sear.

This concludes the function test of the Binary Firing System™.

If you have a suggestion on how to improve this testing procedure or if you have any questions, contact us at the following:

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Minden, NV 89423

Email: info@franklinarmory.com
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