2. Function Check the Disconnector Motion.
   A. With the Selector in Binary and the Hammer forward, push on the tail of the Disconnector.
   B. The IDS protrusion should slip under the front tip of the Disconnector.

3. Function Check the IDS Motion.
   A. With the Selector in Binary and the Hammer forward, push on the back of the IDS.
   B. The IDS protrusion should slip out from under the front tip of the Disconnector.

4. Function Check the Safety Selector Detent.
   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.

5. Function Check the Sear.
   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 Disconnecter.
   F. Slowly release the Trigger until the Hammer falls to the Firing Pin.
   G. Keep your finger held at the point that the Hammer fell forward.
   H. Re-cock the Hammer on the Disconnecter.
   I. Release the trigger and the hammer should reset to the Sear.

6. Function Check Binary Mode, Scenario I
   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 Disconnecter.
   F. Slowly release the Trigger until the Hammer falls to the Firing Pin.
   G. Keep your finger held at the point that the Hammer fell forward.
   H. Re-cock the Hammer on the Disconnecter.
   I. Release the trigger and the hammer should reset to the Sear.

7. 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. Re-cock the Hammer on the Disconnecter.
   F. Slowly release the Trigger until the Hammer falls to the Firing Pin.
   G. Keep your finger held at the point that the Hammer fell forward.
   H. Re-cock the Hammer on the Disconnecter.
   I. Release the trigger and the hammer should reset to the Sear.

8. Function check Binary Mode, Scenario II
   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 Disconnecter.
   F. Slowly release the Trigger until the Hammer falls to the Firing Pin.
   G. Keep your finger held at the point that the Hammer fell forward.
   H. Re-cock the Hammer on the Disconnecter.
   I. Release the trigger and the hammer should reset to the Sear.

9. Function check Binary Mode, Scenario III
   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 Disconnecter.
   F. Slowly release the Trigger until the Hammer falls to the Firing Pin.
   G. Keep your finger held at the point that the Hammer fell forward.
   H. Re-cock the Hammer on the Disconnecter.
   I. Release the trigger and the hammer should reset to the Sear.

10. Function check Intermod travel from Binary Mode to Semi 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. The Hammer should not have fallen while manipulating the selector.
    F. New release the Trigger.
    G. The Hammer should fall off of the Semiautomatic Disconnecter and be caught by the sear.

*It is important that the IDS be pushed forward by the Hammer every time this operation is tested. It is possible to re-cock the hammer and not push the IDS forward which will not provide an accurate test. In addition, it is possible for the appearance of a malfunctioning disconnect to mask the functioning test of the IDS (not an IDS problem! In this case, the IDS should be pushed to fail to simulate a real DIS problem). If the IDS is pushed forward, the selector will not be able to go back into the semiautomatic mode. It is possible to push the IDS forward while pushing the hammer back to the basic configuration of the IDS. This will then allow free movement of the Safety Selector.

Franklin Armory® Binary Firing System III™ Installation Manual

Step 1: Locate all of the components and tools necessary for the installation. Read the entire Instructions before attempting the Installation of the BFS III™.

Step 2: Make sure the firearm is unloaded per the manufacturer’s directions.

Step 3: Remove the existing lower receiver of the B&T from the firearm per the manufacturer’s directions.

Step 4: Remove the existing fire control components including the hammer, trigger, and safety selector per the manufacturer’s suggested protocol.

Step 5: Ensure that the left and right sides of the customer supplied lower receiver does not have oil residue that would prevent the application of the Safety Selector Indicator Sticker. (If necessary, use alcohol or a similar oil removing substance to clean the receiver.) Remove the Safety Selector Indicator Sticker from the backing and squarely apply it to the left and right sides of the customer supplied lower receiver. (See figure 1.)

Note: Franklin Armory® requires all Certified Armorers to install this red sticker on every BFS III™. If the sticker is not applied, an unsuspecting user of the firearm could accidentally discharge the weapon causing injury or even death.

Figure 1

Figure 2

Figure 3a

Figure 3b

Figure 4a

Figure 4b

Figure 5

Figure 6

Figure 7

Figure 8

Manufacturers Warning: The Binary Firing System III™ for B&T should only be installed by a Franklin Armory® Certified Armorer. Franklin Armory® will not be responsible for an improper installation.

Franklin Armory® Binary Firing System III™ Installation Manual

1. Hammer & Hammer Spring
2. Trigger Sub-Assembly:
   a. Trigger Body, Disconnecter, Disconnecter Spring, IDS, IDS Spring, Guide Rod, E-City, Slave Pin, and Trigger Spring
3. Left Indicator Sticker
4. 1/8" allen key for 4-40 screw
5. (3) Screws
6. 4-40 x 5/16" screw
7. Right Safety Selector Paddle
8. Safety Selector Shaft
9. Safety Selector Detent
10. Safety Selector Paddle
11. 4-40 x 6/8" screw
12. Right Indicator Sticker

Step 1: Locate one of the original B&I Safety Detent Springs. (See figure 5.) Position the original Safety Detent Spring in the BFS III™ Safety Detent and place both the original B&I Safety Detent Spring and the BFS III™ Safety Detent in the blind hole on the right side of the receiver with the detent facing up. (See figure 6.)

Note: This is a no need for a spring, a left side Safety Detent. The BFS III™ Safety Detent will simply remain empty.

Step 2: Make sure that the hammer is cocked and fully pressed against the disconnecter before installing the Safety Selector in from the left side. (See Figure 7) As the selector is pushed through from the left side to the right, it will be necessary to apply a small amount of downward force to push the Safety Detent down so that you can fully seat the Safety Selector shaft through the lower receiver.

Step 3: After the Safety Selector has been installed, check for proper function by moving the Safety Selector Paddle from Safe to Semi, to Binary.

Step 4: Attach the Right Side Safety Selector Paddle with the 4-40 x 5/16" screw and 1/16" allen key. (See Figure 8)

Step 5: Assemble the completed lower receiver to the firearm per the manufacturer's instructions and perform the "BFSIII Dryfire Check List."
Franklin Armory®

Binary Firing System III™ for B&T

Installation and Operation Manual

For a downloadable copy of this manual as well as links to installation videos, please go to our website: www.franklinarmory.com

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

Address:
Franklin Armory®
2246 Park Place, Suite B
Minden, NV 89423

Phone: 775-783-4313
Email: info@franklinarmory.com

Thank you for purchasing your new Binary Firing System III™ for B&T

We want to do everything we can to help you be safe with your new trigger. Franklin Armory® has partnered with LMS Defense to provide high-quality training specifically addressing operational skills with the BFSIII™. Both LMS Defense and Franklin Armory® believe in safety first. 

As such, LMS Defense is offering incentivized BFSIII™ training to all buyers of the BFSIII™. Take as much as $100 off on a two-day class! To sweeten the deal, Franklin Armory® will further incentivize BFSIII™ buyers to take the training by offering a 25% discount code to all BFSIII™ owners that pass an LMS Defense class covering BFSIII™ curriculum.

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.

Franklin Armory®

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

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FRANKLIN ARMORY® PATENTED BINARY FIRING SYSTEM III™ 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 III™ (BFSIII™) may inadvertently cause injury or even death if improperly installed or misused. The BFSIII™ 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 BFSIII™ may lead to the unintentional discharge of the firearm which may cause the following:

PERSONAL INJURY TO SELF OR OTHERS, OR DEATH!

It is imperative that the BFSIII™ be only installed, adjusted, and/or repaired by a certified Franklin Armory® armorer. Failure to use a Franklin Armory® armorer to install the BFSIII™ may expose you to serious liability, including PROPERTY DAMAGE, PERSONAL INJURY, LOSS OF USE, IMPROPER USE, misuse, or untrained use of the BFSIII™ may lead to the unintentional discharge of the firearm which may cause the following:

PERSONAL INJURY TO SELF OR OTHERS, OR DEATH!

Improper installation, use, or tampering with the BFSIII™ will void the warranty and any LIABILITY to THE BUYER for ANY COMPONENT or ANY OTHER LIABILITY, DAMAGES, INJURY, OR DEATH!

PERSONAL INJURY TO SELF OR OTHERS, OR DEATH!

NEVER ALTER ANY COMPONENT OF THE BFSIII™ THAT MAY CREATE A SAFETY HAZARD. ANY SLEEPS, 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 SAFETY HANDLING OF ANY FIREARM INCLUDING THIS BFSIII™ EQUIPPED FIREARM.

WARNING:

IF 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 BFSIII™.

2. COMPROMISE OF SAFETY

No BFSIII™ trigger has the ability to fire on the pull and the release of the trigger. By purchasing and/or using the Franklin Armory® BFSIII™, YOU COMPLY TO THE FOLLOWING:

3. ASSUMPTION OF RISK

By purchasing and/or using the Franklin Armory® BFSIII™, you waive and release any claim for damages, indemnity, or reimbursement against Franklin Armory® for any claims, losses, or damages imposed upon you for use of the BFSIII™. In addition, you agree to release Franklin Armory® and its affiliates, parent companies, subsidiaries, present and former employees, owners, officers, managers, partners, contractors, insurers, shareholders, and directors from any and all claims, actions, damages, 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® BFSIII™). By purchasing and/or using the Franklin Armory® BFSIII™, 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.

4. INDEMNIFICATION

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

5. TRANSFER OF PRODUCT

If the product is purchased by a bank or similar person, any transfer of the conditions set forth herein will be for the benefit of Franklin Armory® and successors and assigns of Franklin Armory®.

6. BINDING EFFECT

By purchasing the BFSIII™, 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®.

7. WAIVER AND RELEASE

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 waiver will be deemed modified to the extent necessary to render it valid and enforceable, and if that modification renders 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.

8. GOVERNING LAW

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

9. DISPUTE RESOLUTION

ARBITRATION

Any disputes arising from the interpretation or application of this Agreement will be resolved by arbitration before a single arbitrator. The arbitrator will be selected by the parties. The costs and expenses of the arbitration will be paid in accordance with the applicable law.

If no agreement is reached within 30 days after receipt of the written notice of arbitration, the arbitrator will be selected by the American Arbitration Association. The arbitration will be conducted in accordance with the American Arbitration Association’s rules for arbitration and mediation, except that the arbitrator shall have the power to order the production of documents and examination of witnesses. The arbitrator shall be bound by the express terms of this Agreement and shall not have the power to add to or subtract from the terms of this Agreement.

10. VOLUNTARY ACTION

While we strongly value every Franklin Armory® customer, there is no necessity for anyone to own a Franklin Armory® BFSIII™. 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 BFSIII™ 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® BFSIII™, and you do not agree to the terms set forth 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 YOU HAVE GIVEN UP ANY OTHER RIGHTS TO ACTION IF YOU PURCHASED, AND CONTINUING TO RETAIN THESE PRODUCTS, YOU ARE INDICATING YOUR VOLUNTARY AGREEMENT TO THE PROVISIONS OF THIS WAIVER AND RELEASE OF LIABILITY.