

SIOSC11B User Manual



Version 2.0

VKSYS

VK INTEGRATED SYSTEMS

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Firearm Safety

WARNING: THE FAILURE TO FOLLOW THESE FIREARM SAFETY REQUIREMENTS WILL CAUSE SERIOUS PERSONAL INJURY OR DEATH TO YOU OR OTHERS.

- ALWAYS TREAT ALL FIREARMS AS IF THEY ARE LOADED.
- ALWAYS BE SURE THAT ALL ACTIONS OF FIREARMS ARE OPEN, THAT CHAMBERS ARE CLEAR OF CARTRIDGES AND MAGAZINES ARE REMOVED OR UNLOADED, AND THAT THE FIREARM IS POINTING IN A SAFE DIRECTION.
- NEVER POINT THE FIREARM AT ANYTHING YOU ARE NOT WILLING TO DESTROY.
- ALWAYS KEEP FINGERS AND OTHER BODY PARTS AWAY FROM THE MUZZLE AND AWAY FROM THE EJECTION PORT.
- ALWAYS WEAR ADEQUATE AND PROPER HEARING PROTECTION SPECIFIED FOR FIREARM USE TO PREVENT PERMANENT DAMAGE TO YOUR HEARING. MAKE SURE OTHERS WHO ARE NEARBY ARE WEARING HEARING PROTECTION AS WELL.
- ALWAYS WEAR SAFETY GLASSES SPECIFIED FOR FIREARM USE, WHETHER INDOORS OR OUT. SAFETY GLASSES SHOULD PROTECT YOUR EYES FROM FIRING FLASH AND PARTICLES ASSOCIATED WITH THE DISCHARGE OF THE AMMUNITION. FAILURE TO DO SO CREATES A RISK OF PERSONAL INJURY FROM PARTICLES AND DEBRIS SPITTING OR FROM RICOCHET.
- ALWAYS BE AWARE OF OTHER PEOPLE SO THAT PERSONS DO NOT ACCIDENTALLY WALK INTO THE LINE OF FIRE.
- THE SHOOTER (AND ALL OTHERS IN THE SHOOTING AREA) MUST ALWAYS BE IN A POSITION THAT IS OUT OF THE LINE OF FIRE AND NOT WITHIN AN AREA WHERE THEY MAY BE STRUCK BY A RICOCHET OR PARTICLES SPITTING FROM A FIREARM, OR BY EJECTED CASES FROM SOME TYPES OF FIREARMS.
- NEVER SHOOT AT SURFACES THAT MAY CAUSE A RICOCHET. ALWAYS SELECT A PLACE TO SHOOT THAT HAS A SAFE BACKSTOP, IS FREE FROM OBSTRUCTIONS, AND HAS NO SURFACES THAT MAY CAUSE A RICOCHET.
- NEVER FIRE RANDOMLY INTO THE SKY. ALWAYS SELECT A PLACE TO SHOOT THAT HAS A SAFE BACKSTOP.
- NEVER USE ALCOHOL OR DRUGS BEFORE OR WHILE SHOOTING OR HANDLING ANY FIREARM.

SECTION 1.0 - Package Content



Figure 1.0.1: Package Content

1. SIOS-C
2. USB-C Cable
3. Wall Charger
4. VK Integrated Systems Sticker

SECTION 2.0 - Stock Installation

Step 1

Align the opening on the stock with the rear portion of the buffer tube.

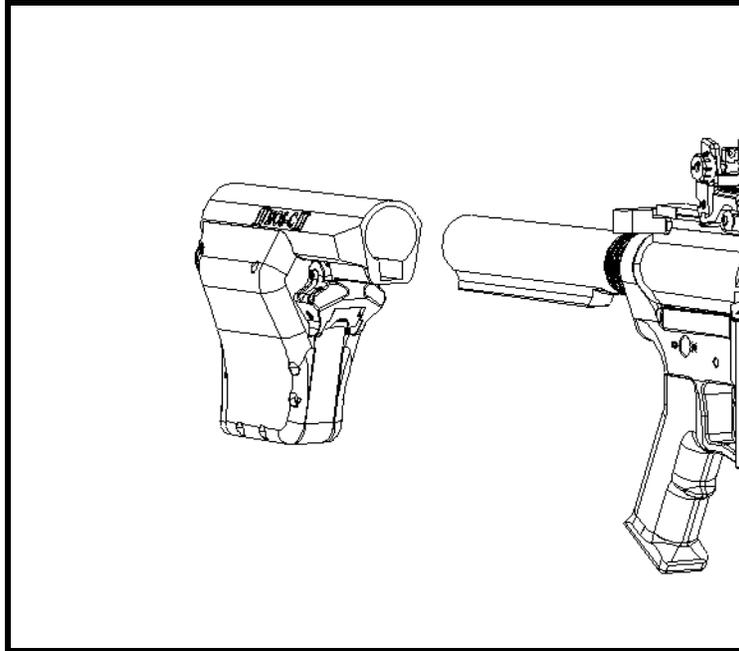


Figure 2.0.1: Installation Step One

Step 2

Slide stock until buffer tube makes contact with the 6 position detent

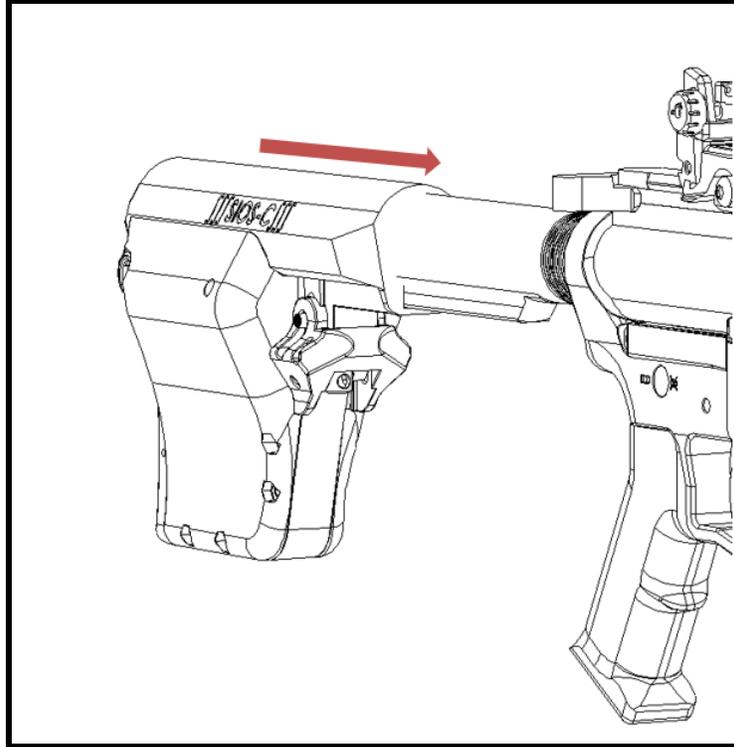


Figure 2.0.2: Installation Step Two

Step 3

Pull down on the handle firmly to pull the detent far enough to clear the buffer tube.

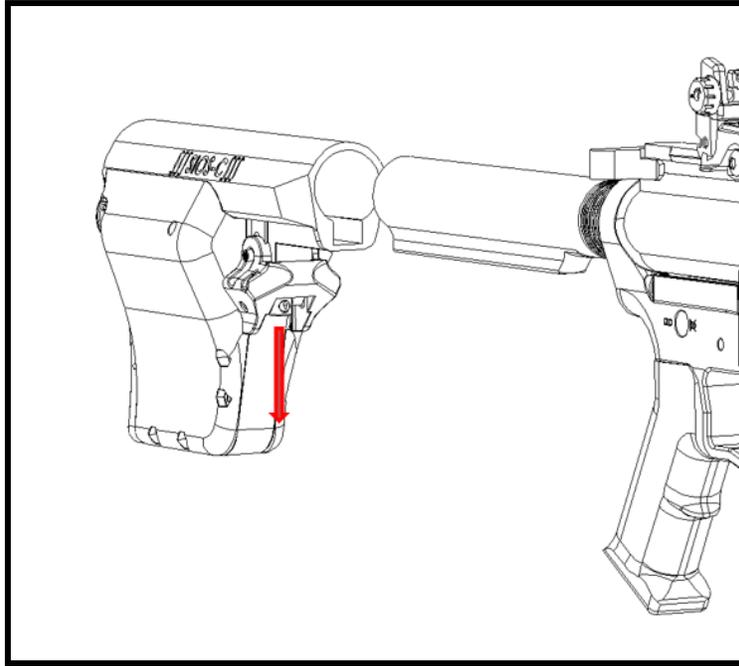


Figure 2.0.3: Installation Step Three

Step 4

While pulling down on the handle, push forward on the stock.

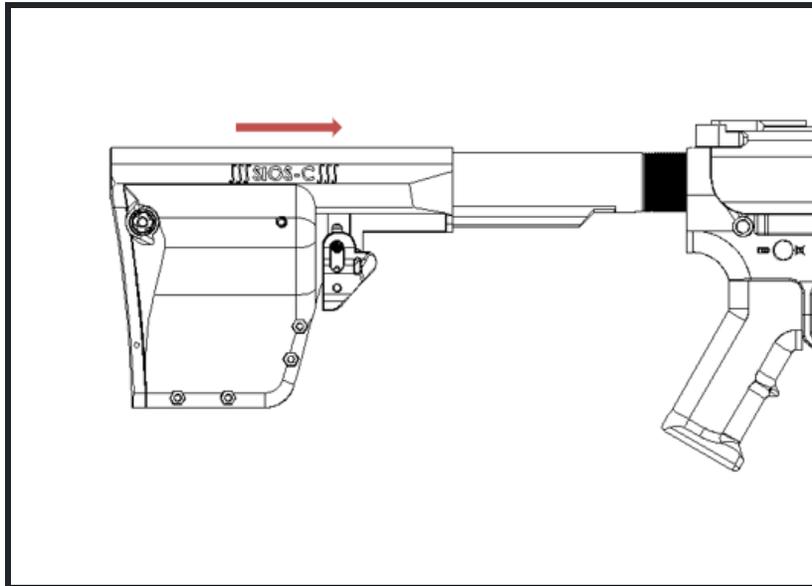


Figure 2.0.4: Installation Step Four

Step 5

Fully collapse stock to ensure the stock is able to collapse. It should stay on the buffer tube during normal operation, allowing the user to select any position.

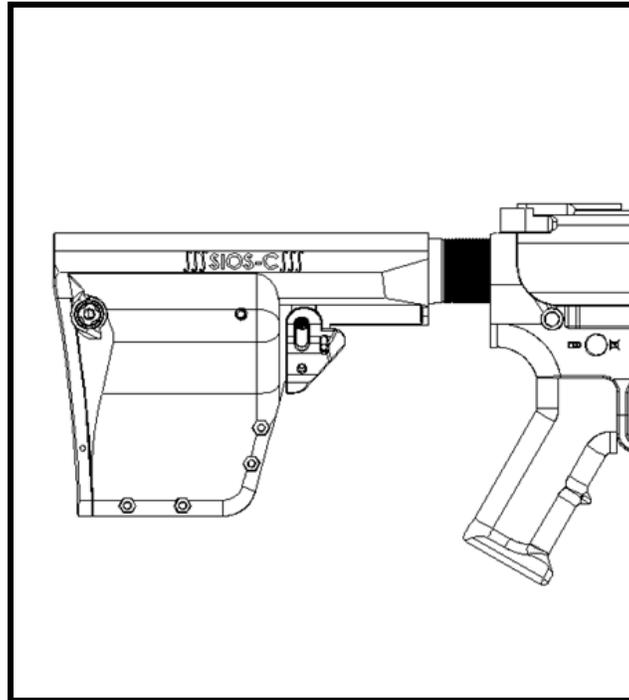


Figure 2.0.5: Installation Step Five

SECTION 2.1 - Rear Plate Removal

Step 1

Push the Rear Plate downward

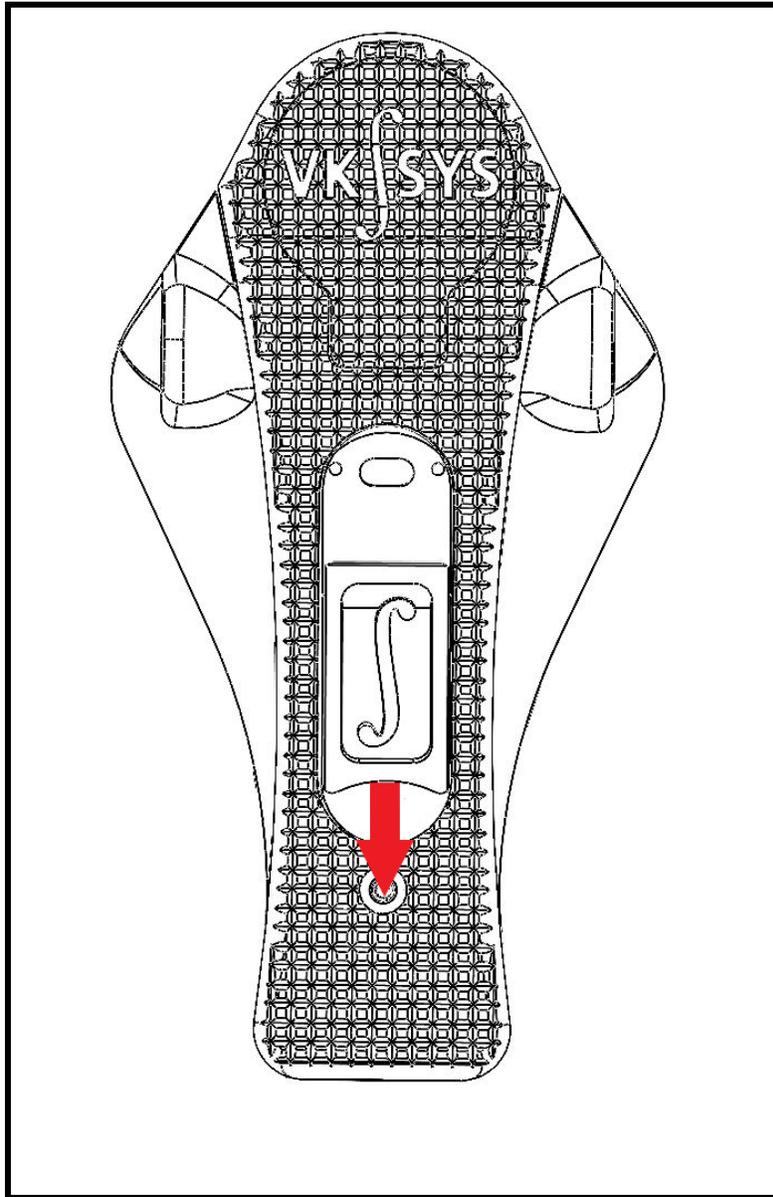


Figure 2.1.1: Installation Step One

Step 2

Rotate the Rear Plate so that the top of the Rear Plate is outside of the slot.

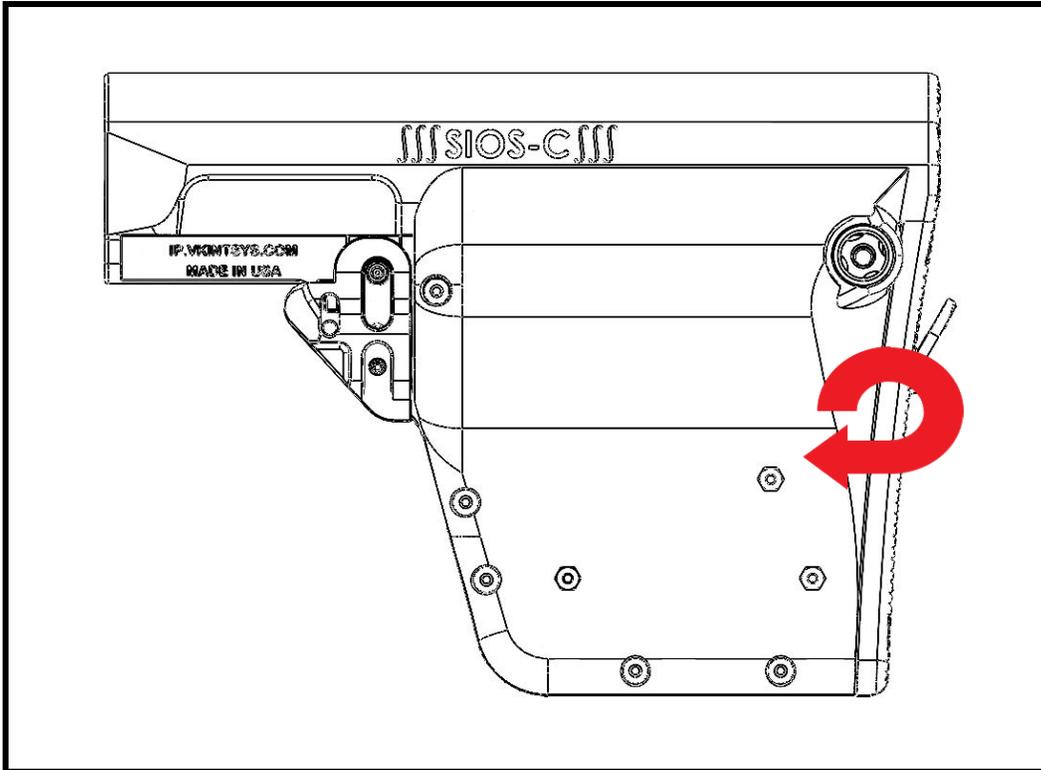


Figure 2.1.2: Installation Step Two

Step 3

Remove the Rear Plate by pulling up and back until the Rear plate is free.

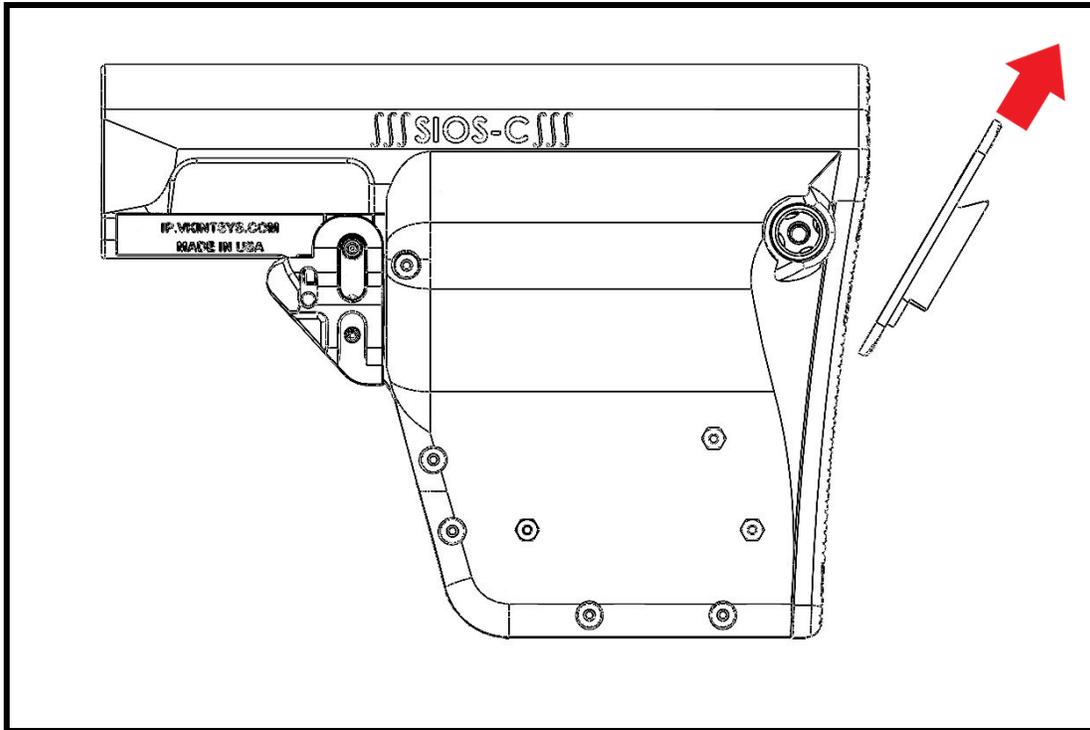


Figure 2.1.3: Installation Step Three

SECTION 2.2 - Rear Plate Installation

Step 1

Insert the Rear Plate into the cavity of the stock at a downward and inward angle

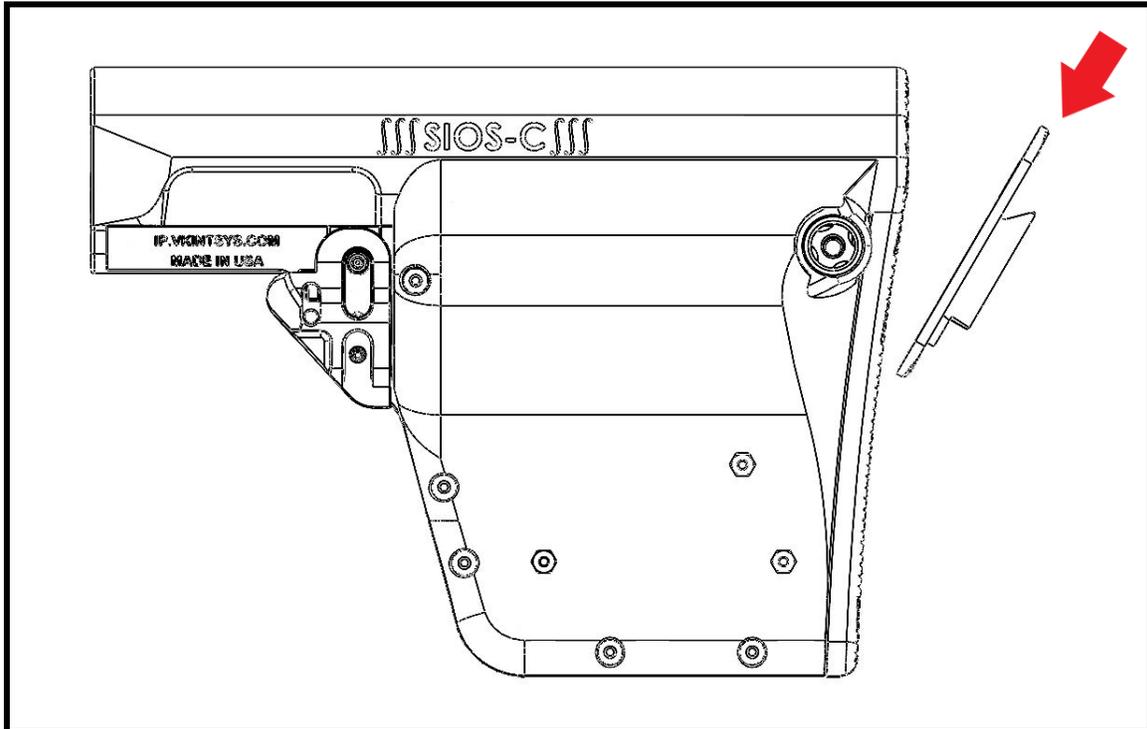


Figure 2.2.1: Installation Step One

Step 2

Rotate the Rear Plate until it is flat with the rear of the SIOS-C sides wall.

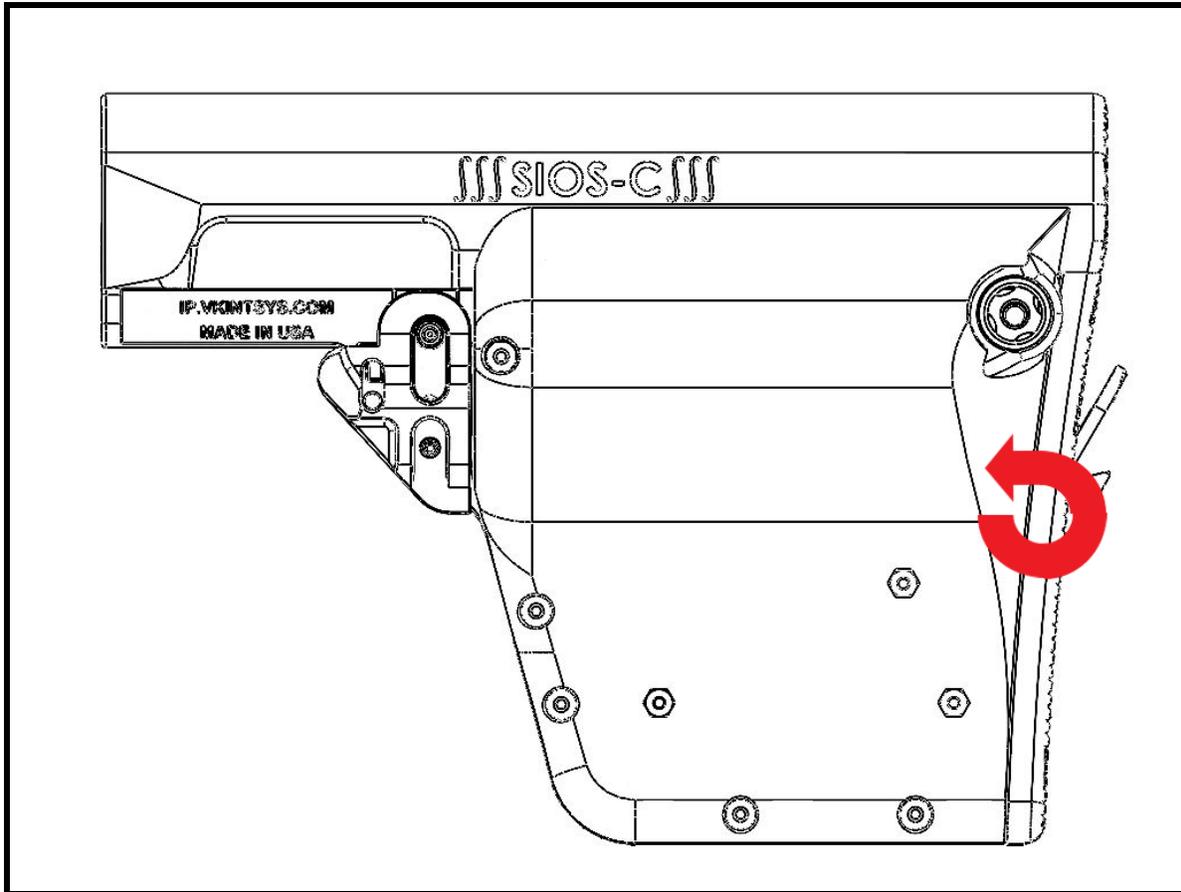


Figure 2.2.2: Installation Step Two

Step 3

Push the Rear Plate upwards

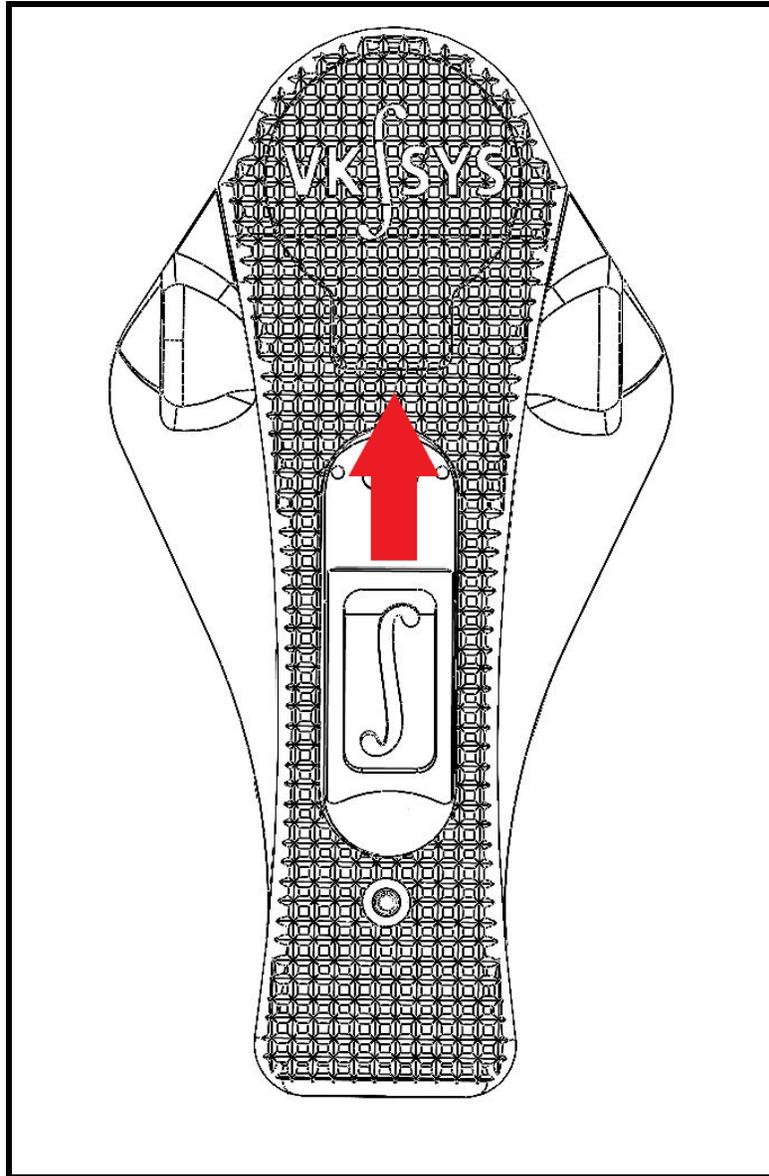


Figure 2.2.3: Installation Step Three

SECTION 2.3 - Riser Installation

Step 1

Remove the 8-32 screw that secures the QD attachments and the Rear Cap.

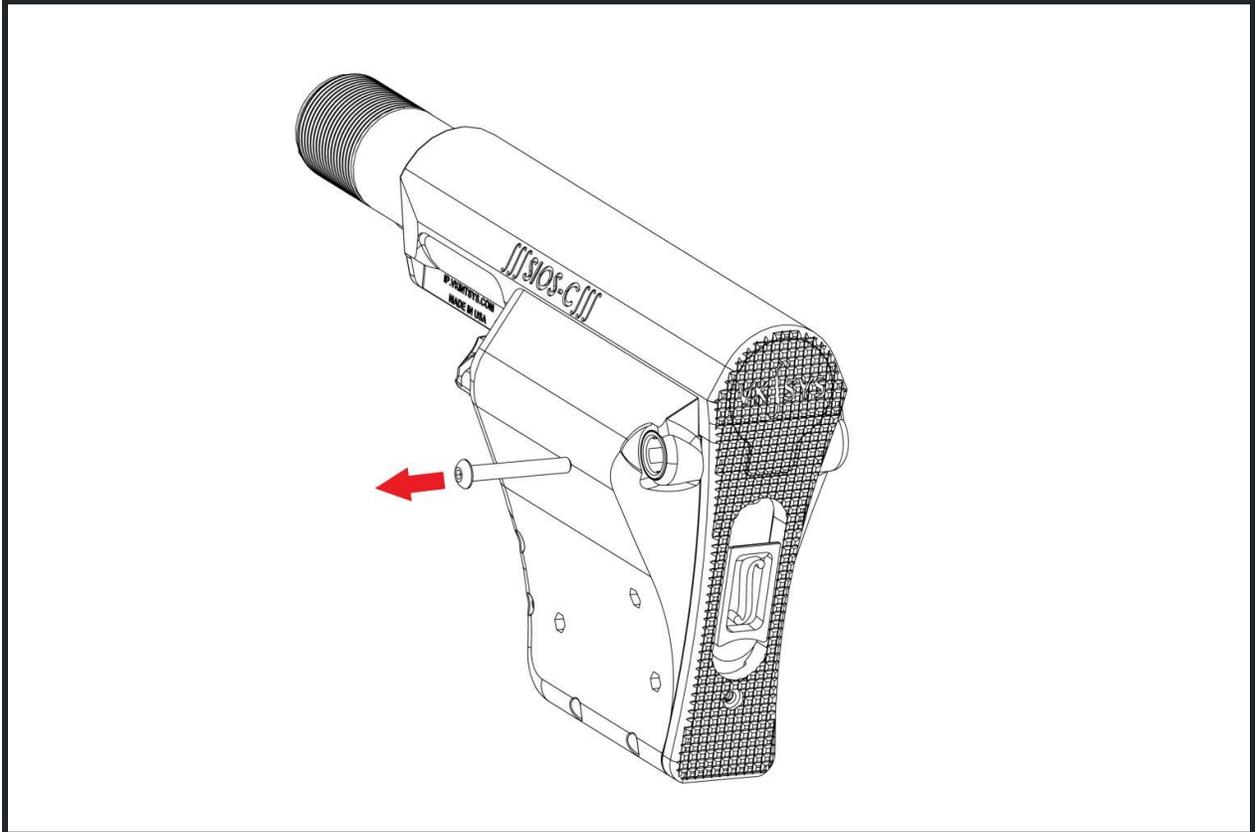


Figure 2.3.1: Installation Step One

Step 2

Slide the Rear Cap out of the rear of the stock.

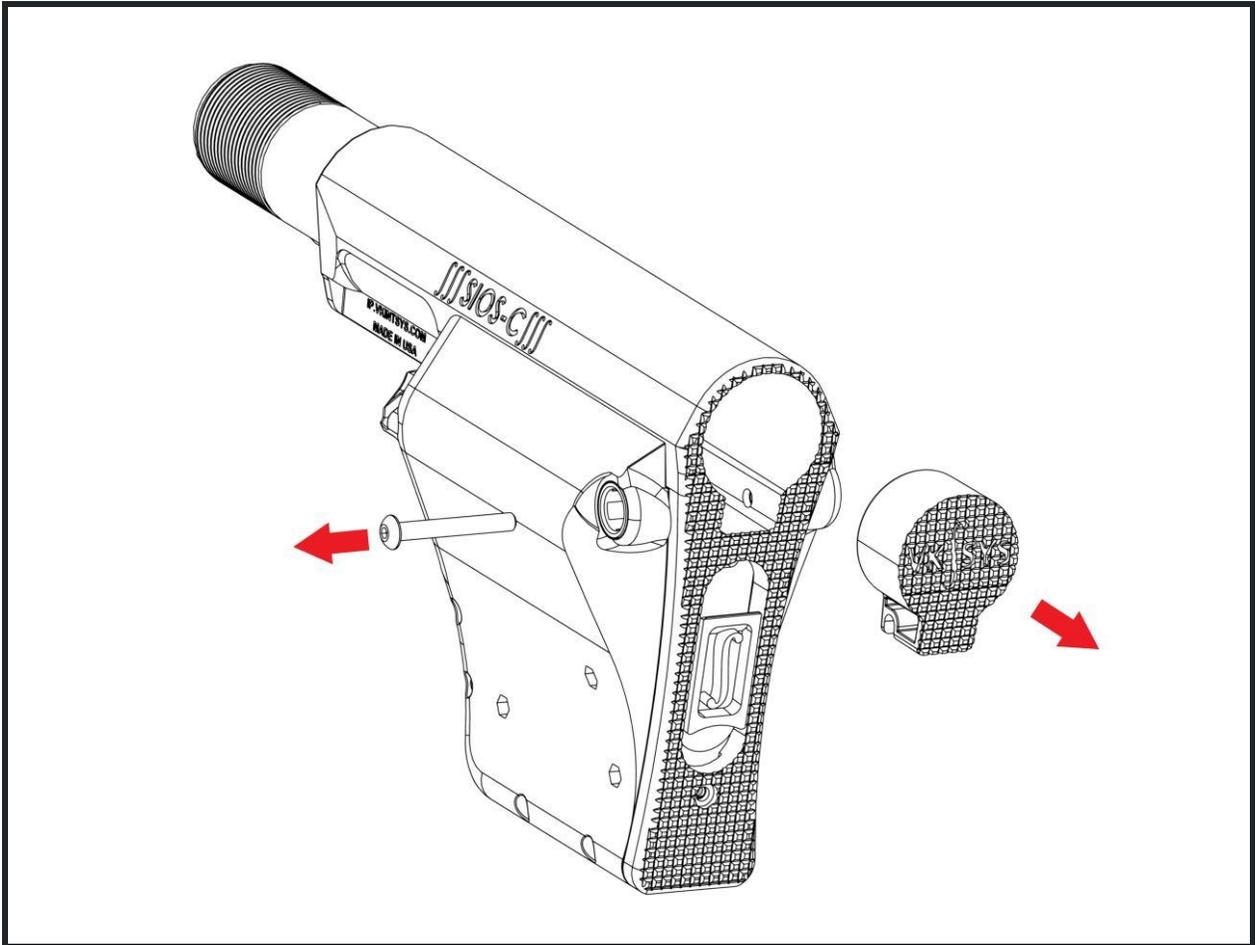


Figure 2.3.2: Installation Step Two

Step 3

Insert the applicable riser height onto the rear of the stock.

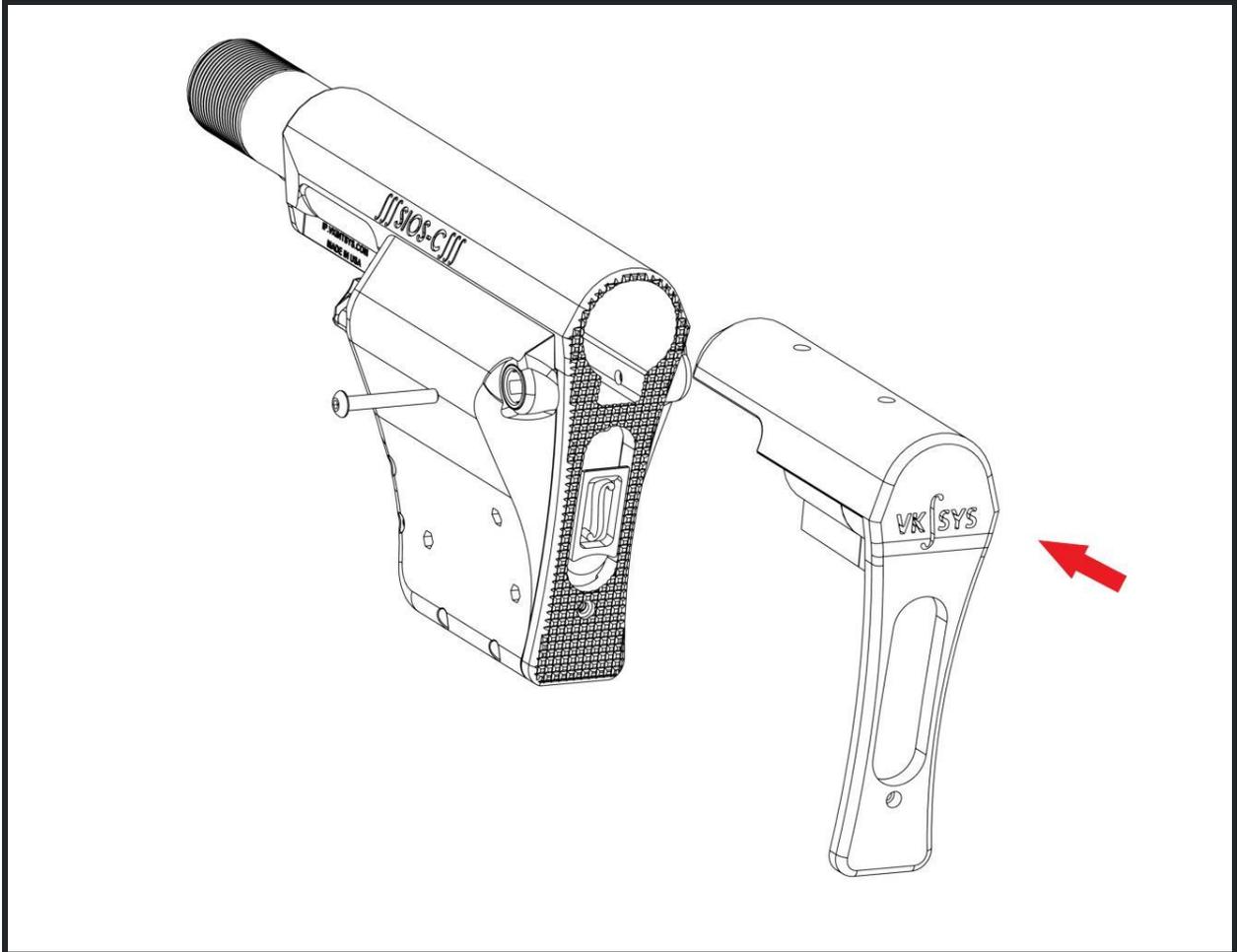


Figure 2.3.3: Installation Step Three

Step 4

Secure the Riser in place using the original 8-32 screw

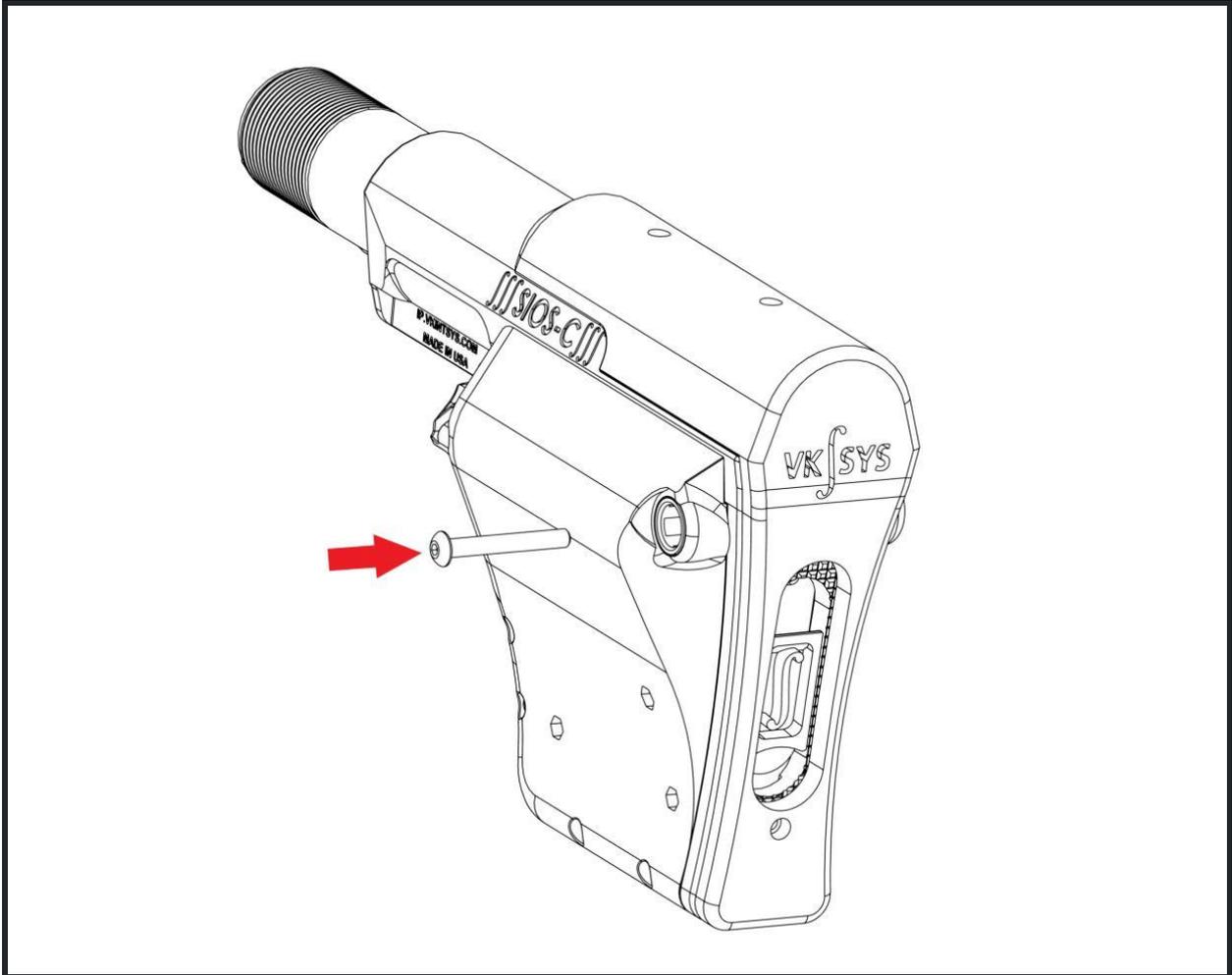


Figure 2.3.4: Installation Step Four

SECTION 3.0 - Prepping System

1. Remove Rear Plate at the rear of the stock to expose the USB connector and power switch.
2. Insert included USB-C cable into the stock's USB-C port. NOTE: Full charge takes up to 4 hours depending on the charging block.
3. Boot system by holding the blue button down for 7 seconds.
4. Once the Blue LED is blinking, SIOSC11B is ready to pair.
5. Re-insert the rear plate before use in adverse environmental conditions.

SECTION 4.0 - Pairing Procedure

SIOSC11B will pair using bluetooth. Please refer to the Bluetooth pairing section of the compatible application user manual.

SECTION 5 - Calibration

SIOSC11B has an IMU that continually undergoes self-calibration.

There is no need to calibrate the GPS.

SECTION 6 - Firmware Updates

SIOSC11B comes loaded with factory firmware. Please see the appropriate start page for your device at startvkis.com for a link to Firmware (FW) updating tools.

SUPPORT

For any support or replacement parts, please contact our support team using the email below.

Support: support@vkintsys.com

Phone: 931.266.0888

The mailing address for part replacement, returns or RMA is:

810 Crossland Avenue
Clarksville, Tennessee 37040, USA

Version History

Version #	Date
1.0	February 6, 2020
2.0	July 19, 2020

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