

AXIOM Rifle Stock™

Owner's Manual



BLACKHAWK!

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50107098 REV. 04.09

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Installation Instructions

ATTENTION: Read and follow all instructions and warnings prior to installation and/or firing a Axiom equipped firearm. **Take extra time to review the shooting tips & techniques section of this manual (Page 7).** If you are at all unsure of your ability to install your Axiom Rifle Stock safely, please seek the services of a competent gunsmith.

WARNING 1: Before beginning stock installation, make sure that the rifle is **UNLOADED**. Carefully check the chamber and magazine making both visual and touch verification.

WARNING 2: The Axiom Rifle Stock is not compatible with oversized trigger guards. Use of the Axiom Rifle Stock with an oversized trigger guard will cause product failure and possible injury. Note: Most factory installed trigger guards are compatible with the Axiom Rifle Stock.

WARNING 3: The Axiom Rifle Stock is not compatible with trigger guard mounted oversized safeties. Use of the Axiom Rifle Stock with an oversized safety will cause product failure and possible injury.

TOOLS REQUIRED:

- Large Flat Blade Screw Driver
- Hex Key / Allen Wrench Set
- Torque Wrench (Recommended)
- Extended "ball end" Allen Wrench (Included)

INSTALLATION STEPS:

1. Remove action bolt from receiver. Remove original stock. Refer to manufacturer's instructions for the best method to remove stock. Normally the barreled action is held in position by two screws located on the bottom of the stock. Using caution not to damage screws, use the appropriate size and type of tool to remove the two screws (Fig. 1A). Note: At this point the trigger guard is disconnected from the stock. For BDL models remove bottom magazine floor plate along with magazine housing. (Fig. 1B on the following page) Remove barreled action from stock. To avoid damage, take caution when removing barreled action from original stock.



Fig. 1A

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Installation Instructions Continued



Fig. 1B

2. Prepare Axiom Rifle Stock for Installation by removing rear butt stock. To remove pull down on lever assembly and slide off buttstock. (Fig. 2)



Fig. 2

3. Installation of the Axiom Rifle Stock also requires the removal of the pistol grip portion of the stock. The stock is attached to the forend with a preinstalled bolt and lock washer. To loosen bolt, insert the provided 1/4" ball end allen wrench into the hole located on the bottom of the stock. Turn wrench counter clockwise until stock is free from forend. (Fig. 3)



Fig. 3

Installation Instructions Continued

4. Carefully insert receiver or barreled action into the forend. Carefully align recoil lug and trigger with corresponding pockets or openings. Slowly lower barreled action into forend until it is fully seated. (Fig. 4) Note: The barreled action should slide into position with limited hand pressure and when in final position there should very minimal movement.

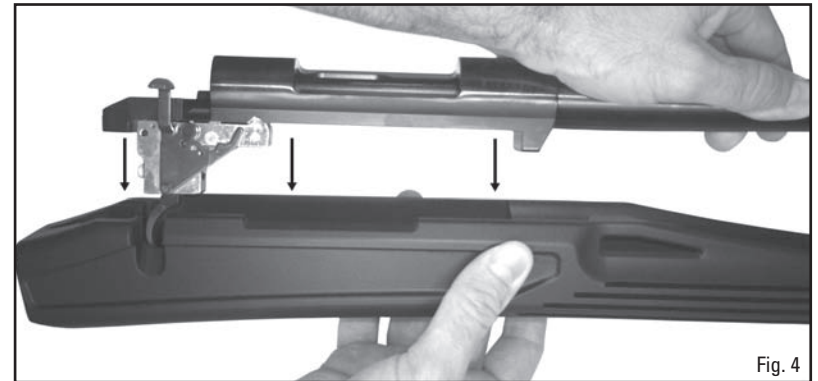


Fig. 4

5. While holding the assembly from Step 4, reinstall the magazine housing into the corresponding pocket on the bottom of the receiver. (Fig. 5) Note: To avoid damage to the hinged floor plate and trigger guard in the following steps, the magazine housing must be correctly installed in the receiver. Verify that the magazine housing is properly installed.

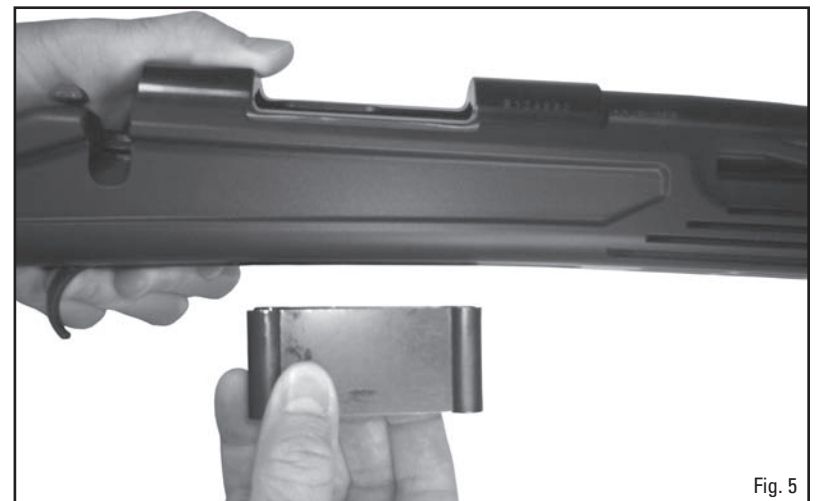


Fig. 5

Installation Instructions Continued

6. Reinstall trigger guard and hinged magazine floor plate assembly. (Fig. 6) Note: It is crucial that the trigger guard and hinged magazine floor plate assembly is properly seated in the stock prior to final installation and torquing of bolts.



Fig. 6

7. While holding the trigger guard and hinged magazine floor plate assembly in position, reinstall the two stock bolts removed in Step 1. (Fig. 7) Note: Take extra precaution not to cross thread bolts. For best performance, utilize a torque wrench and tighten bolts to a recommended torque of 65 inch lbs. Floor plate should open and close easily.



Fig. 7

Installation Instructions Continued

8. Reinstall action bolt into receiver. (See owners manual for directions)

9. Reattach pistol group portion of stock to forend. Carefully align square protrusion on front of stock with corresponding square pocket on rear of forend. (Fig. 8) Utilize provided 1/4" ball end allen wrench to thread stock bolt into forend. (Fig. 9) **Note: Take extra precaution not to cross thread bolt. If bolt feels tight or rough while tightening, stop, unthread bolt and start over.** Tighten stock firmly until flush.

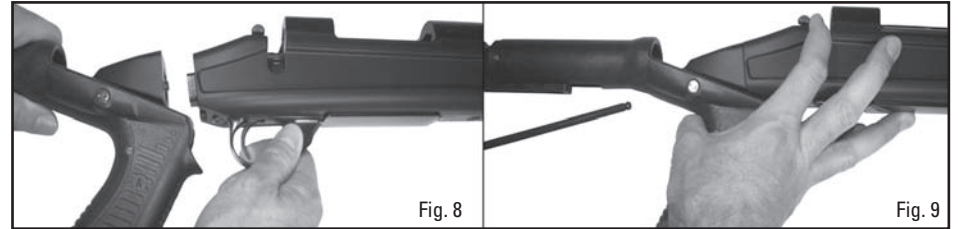


Fig. 8

Fig. 9

10. Reinstall rear stock removed in Step 2. Pull down on lever and slide onto pistol grip portion of stock.

11. Installation of Axiom Rifle Stock is now complete (Fig. 10). Prior to using rifle, verify correct installation of stock by checking function of action bolt, safety, magazine follower and floor plate.



Fig. 10

Axiom Operational Information

To extend the Stock, grasp the release lever located on the bottom side of the stock. Squeezing the lever releases the lock and allows the stock to slide freely to the desired position. The lock will automatically engage at each position.(Fig. A)



Note: Prior to shooting, always verify that stock is properly locked in the selected position.

To remove Axiom Buttpad, insert small diameter Phillips screwdriver (#1) into the holes located in rubber buttpad. Remove both the buttpad and adapter plate.(Fig. B)



Note: Removing buttpad will reduce minimal length of pull.

IMPORTANT INFORMATION ABOUT YOUR BLACKHAWK! STOCK

This BLACKHAWK! stock should only be used with the specific rifle for which it was designed. Before installing the new stock, be sure that the gun is unloaded and follow the assembly instructions provided with this product. Check all functions of the gun after the stock is installed. If you do not feel competent to check the proper function yourself, have a gunsmith check this for you. Before using the stock in the field, it is important to test-fire the gun after installation to be certain it functions properly.

All firearms are potentially dangerous; their improper use may cause great harm, personal injury or death. It is your responsibility to know the safe use, procedures and operation of your firearm, and to store, handle, and transport your firearm safely. Proper training is available through accredited firearms safety training programs.

Shooting Tips & Techniques

IMPORTANT NOTICE: During recoil, the Rifle moves rearward over the pistol grip by slightly more than one inch.

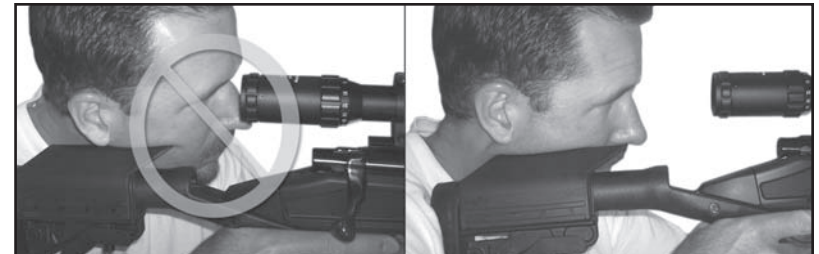


RIGHT: Maintain at least 1" space between cheek and flare in stock. Maintain a comfortable cheek weld, avoid mashing or pushing face down into stock. Keep head more upright and relaxed.

WRONG: No space between cheek and flare will result in shooter discomfort or cheek-slap.

It is not necessary to pull the stock tightly into your shoulder. Instead, take a firm but not too tight hold of the pistol grip and set the butt solidly into the pocket of your shoulder. This will allow the recoil reduction mechanisms to function most effectively. Do not pre-compress the stock. In addition, start out shooting the stock longer than you think necessary and gradually shorten the stock until you find the correct length setting.

! WARNING: Due to the inherent "travel" of the firearm during recoil, a scope without proper eye relief will come back and hit you! As with any rifle, be sure to allow liberal eye relief to prevent an injury and do not let anyone shoot your firearm without checking for proper eye clearance. (See image below)



NOTE: When using BLACKHAWK! Stocks in conjunction with bipod accessories, it is advisable to keep the weak hand back at least an inch from the rear of the bipod mount. This precaution will avoid the possibility of recoil impact on the fore part of the weak hand. (See image below)



Sling Mounting Tips

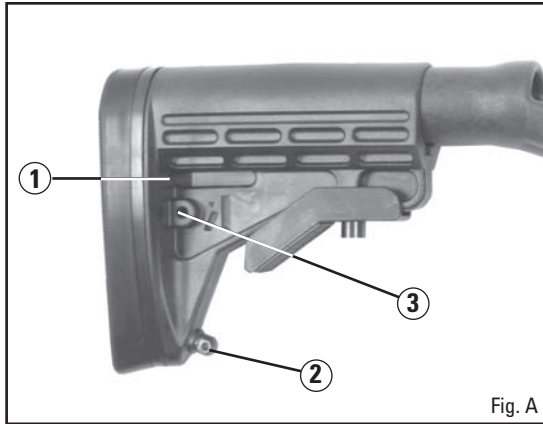


Fig. A

1. Slit for 1.5" multi-point sling.
2. Pre-Install sling stud for installation of sling swivel and sling.
3. Alternate locations for sling stud mounting. Remove stud from factory installed location and relocate to desired position on left or right side of stock.

Forend Sling Stud Location:

The forend is designed with two additional optional sling stud locations. (Fig. B)

Install additional sling stud or relocate pre-installed sling stud.

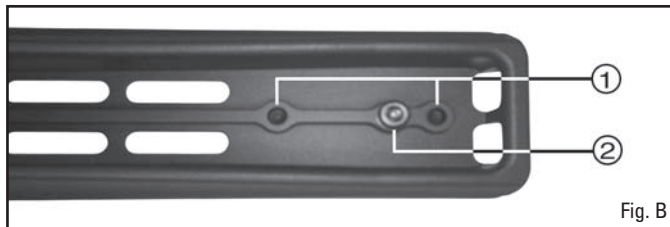


Fig. B

1. Optional pre-formed sling stud locations. (Fig. B)
2. Pre-installed sling stud location. (Fig. B)

Note: To utilize optional pre-formed sling stud locations, drill 13/32 hole through preformed mounting locations (#1 Fig B).

Note: To prevent damaging the composite forend take precaution to not overtighten sling stud or bi-pod accessories.

Cheek Rest Accessory Installation (PART# K99900-C)

NOTE: Alignment with scopes or raised sights can be improved by purchasing cheek rest accessory part# K99900-C. Please contact BLACKHAWK! for ordering information.

INSTALLATION STEPS:

1. Determine the correct height cheek rest. Note: The cheek rest is packaged as two separate pieces: Part 1, "Lower" cheek rest used for raised rifle sights or low mounted scopes; Part 2, "High" cheek rest used for raised scopes (Most commonly used).

IMPORTANT NOTICE: Once installed the Cheek Rest is difficult to remove. Please plan your desired Cheek Rest configuration carefully.

2. If the desired configuration involves the use of the high cheek piece proceed with this step. If the desired configuration involves only the use of the low cheek piece proceed to Step 3. Utilizing the high cheek piece requires the use of the low cheek piece. With the two long flat edges facing down, place the low cheek piece on a level work surface. Take the high cheek piece in one hand while holding the low cheek piece in a steady position. Slide the high cheek piece down over the top of the low cheek piece. (Fig. 1) Note: Imprinted "Power Pak" logo on the high cheek piece should align with the logo on the low cheek piece. The high cheek piece should lock down and completely cover the low cheek piece. The rear portion of the high cheek piece should be flush with the rear portion of the low cheek piece.

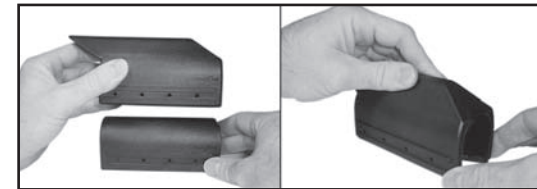


Fig. 1

3. To complete Cheek Rest installation, remove the rear portion of the Axiom Rifle Stock. With the butt pad facing down, place the rear portion of the stock on a flat work surface. Take the assembled Cheek Rest with the rear of the Cheek Rest assembly facing down and slide down over the rear portion of the stock. With both hands, push **FIRMLY** down until rear of Cheek Rest assembly is aligned with the front of the rubber butt pad. (Fig. 2) Note: The angled "gripping teeth" on the inside of the Low Cheek Piece should be positioned with angle facing the work surface.

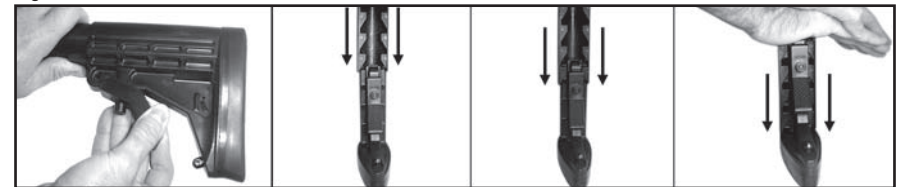


Fig. 2

4. Reinstall the rear portion of stock back onto Axiom Rifle Stock (Fig. 3)



Fig. 3

Product Maintenance & Information

MAINTENANCE:

Do not attempt to disassemble or adjust any of the recoil mechanisms. The internal springs have a 40,000+ round life expectancy and should not require replacement.

As part of regular firearm maintenance apply a small amount of "plastic safe" lubricant (not WD-40) to metal and moving surfaces. Very little lubrication is required so use sparingly (1-2 drops). Do not apply lubricants to other areas of the stock. Stocks subjected to extremes in humidity, sand, dust, or temperature should be cleaned regularly (Use compressed air if available) and lubricated with the appropriate lubricants for the environment. If the stock is submersed in saltwater, it should be thoroughly rinsed in clean water and dried thoroughly (Use compressed air if available). The exterior of the stock may be wiped clean with a cloth and cleaning products safe for plastics.

IMPORTANT INFORMATION ABOUT YOUR BLACKHAWK! AXIOM RIFLE STOCK:

The Axiom Rifle Stock should only be used with the specific firearm for which it was designed. Before removing or installing the Axiom Rifle Stock, be sure that your firearm is unloaded and follow the assembly instructions provided with this product. Check all functions of your firearm after the stock is installed. If you do not feel competent to check the proper function yourself have your gunsmith check this for you. Finally, it is important to test-fire the firearm after re-installing the Axiom Rifle Stock, but before using it in the field to be certain it functions properly and you can handle the firearm safely.

All firearms are potentially dangerous; their improper use may cause great harm, personal injury or death. It is your responsibility to know the safe use, procedures and operation of your firearm, and to store, handle, and transport your firearm safely. Proper training is available through accredited firearms safety training programs.

Customer Satisfaction & Service

CUSTOMER SATISFACTION:

Customer Satisfaction is our number one priority so please do not hesitate to contact us with any questions or concerns.

If you have an issue with the Axiom Rifle Stock, please contact BLACKHAWK! Products Group™ with your questions or service needs. DO NOT contact the firearm manufacturer or your retailer for service. Contacting BLACKHAWK! Products Group™ directly will expedite your service. Many times your issue can be resolved quickly and easily over the phone. For product service and repair please contact BLACKHAWK! Products Group™ Customer Service at 800.694.5263. All product repairs require a Return Merchandise Authorization Number (RMA#) prior to service.

IMPORTANT NOTICE:

Please DO NOT ship any items for service without first obtaining a RMA#.

Product returns should be sent to:

BLACKHAWK!
9200 Cody
Overland Park, KS 66214
USA

Customer Service Phone Number:

800.379.1732

Important Notice Regarding Firearm Service:

For questions or service issues related to your firearm please contact the manufacturer directly. Contact information is located in your firearm manual.

BLACKHAWK! product information and owner's manual directions can be found online at www.BLACKHAWK.com