

RUGER PRECISION® RIFLE BUTTSTOCK REMOVAL & INSTALLATION INSTRUCTIONS

BUTTSTOCK KIT INCLUDES:

- (1) Buttstock
- (1) Castle Nut
- (1) Stock Front Cover
- (1) Front Cover Lock
- (1) Front Cover Lock Spring

TOOLS NEEDED (Not Included):

- 3/8" Wrench or Socket
- 1/8" Allen Key
- 5/32" Allen Key
- Open End AR-15-Style Castle Nut Wrench

Rifle Must Be Completely Unloaded Prior to Disassembly!

CAUTION: Be sure to wear safety glasses when installing or removing the buttstock as some parts are spring-loaded and can fly out if unconstrained.

The **RUGER PRECISION® RIFLE** has a folding buttstock that is adjustable for length of pull, comb height, comb position, and buttpad height.



WARNING – FOLDING STOCK



The bolt on your Ruger Precision® Rifle should always be in the forwardmost and locked (handle down) position when folding or opening the stock. Failure to fully close the bolt may result in damage to your rifle, the bolt shroud, and/or the bolt.

**CLOSE BOLT
BEFORE FOLDING
OR OPENING STOCK**

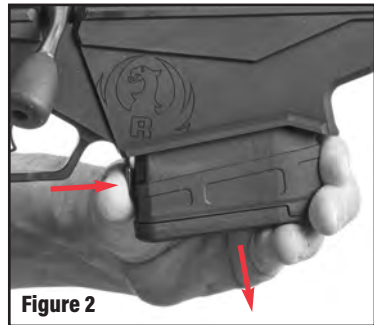
To Uninstall Current Buttstock

1. **Keep the rifle pointed in a safe direction.**
2. Put the safety selector switch in the "SAFE" position.
(See Figure 1.)
3. **CHECK TO BE CERTAIN THAT THE CHAMBER AND MAGAZINE ARE EMPTY.**



4. Remove the Magazine:

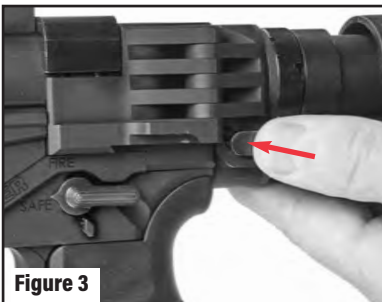
- a. Hold the magazine as shown in Figure 2 by gripping the magazine and the magazine release lever together. Squeeze the lever towards the magazine to disengage the latch. As you squeeze the lever, you will feel it move through two stages; you may encounter heavier resistance releasing the second stage. (This is normal for a side latching magazine.)



- b. Once the magazine release lever has stopped, begin pulling down on the magazine, allowing your thumb to slide off the lever. To minimize the possibility of damage and malfunctions, do not let the magazine drop to the ground.

5. Remove the Bolt:

- a. Close the bolt and push the folding stock release button. (See Figure 3.)

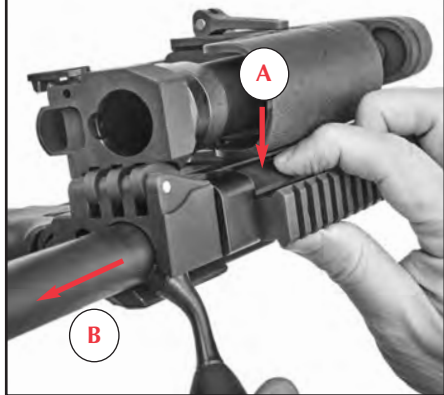


- b. Fold the stock to the left.
(See Figure 4.)

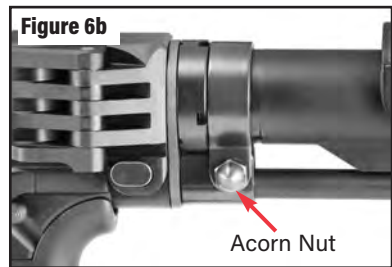
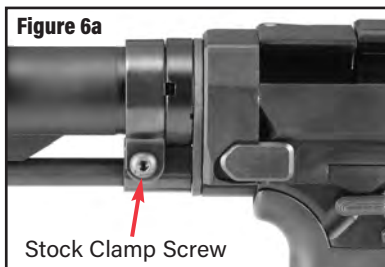


- c. Remove the bolt by lifting the bolt handle and retracting the bolt while at the same time pressing on the rear of the bolt stop located on the left side of the receiver. (See Figure 6.)
- d. After removing the bolt, unfold the stock until it snaps in place and locks.

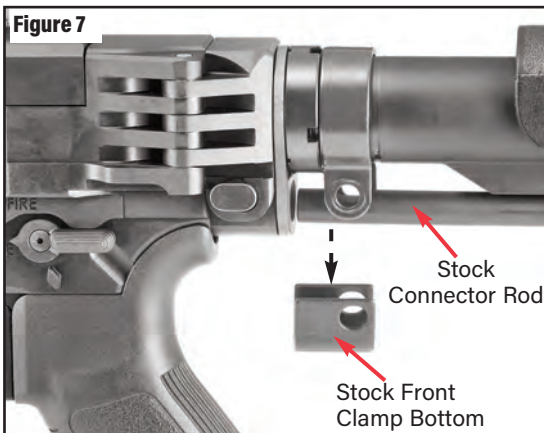
Figure 5



6. Remove the stock clamp screw and acorn nut using a 1/8" Allen key to hold the screw in place while unscrewing the acorn nut with a 3/8" socket or wrench. (See Figures 6a and 6b.)

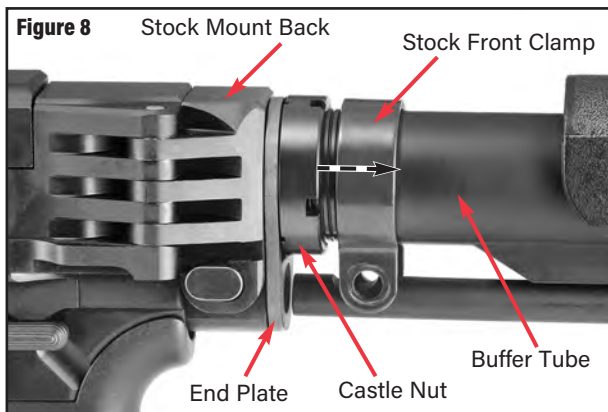


7. Slide the stock front clamp bottom off the stock connector rod. (See Figure 7.)



- Slide the stock front clamp towards the buttpad and away from the castle nut. (See Figure 8.)

NOTE: You might need to open the clamping surfaces of the stock front clamp a bit in order to slide it away from the castle nut.

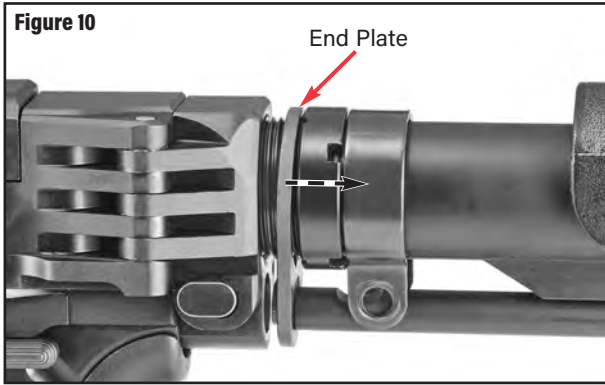


- Loosen the castle nut. Using a castle nut wrench, rotate the castle nut *counterclockwise*. (See Figure 9.)

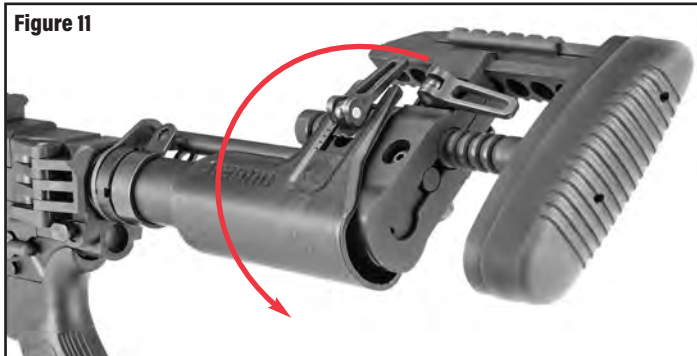
NOTE: Loosen the castle nut enough so the end plate can move away from the stock mount back.



10. Slide the end plate towards the buttpad to disengage the locking tab. (See Figure 10.)

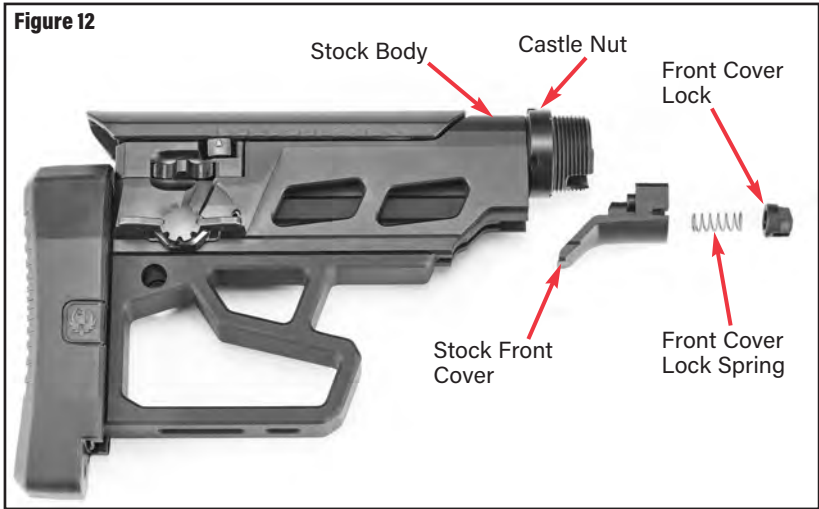


11. Hold the rifle securely as you unscrew the buffer tube from the stock mount back. (See Figure 11.)

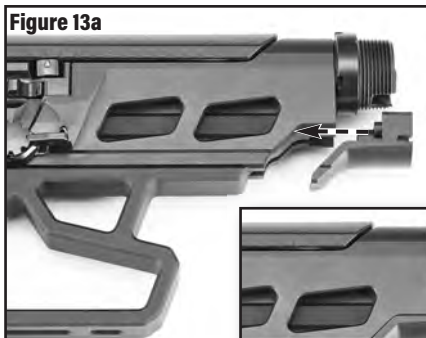


To Install New Buttstock

1. Keep the rifle pointed in a safe direction.
2. Put the safety selector switch in the "SAFE" position. (See Figure 1. p. 1.)
3. **CHECK TO BE CERTAIN THAT THE CHAMBER AND MAGAZINE ARE EMPTY.**
4. Remove the magazine, see p. 2, steps 4a & 4b.
5. Remove the bolt, see pp. 2 and 3, steps 5a - 5d.
6. Thread the castle nut as close to the stock body as possible. **NOTE:** The notches in the castle nut should be facing the rear of the buttstock. (See Figure 12.)

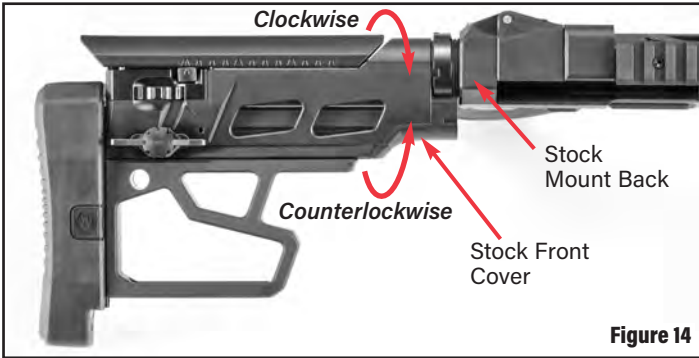


7. Install the stock front cover onto the stock body until it snaps in place. (See Figures 13a and 13b.)

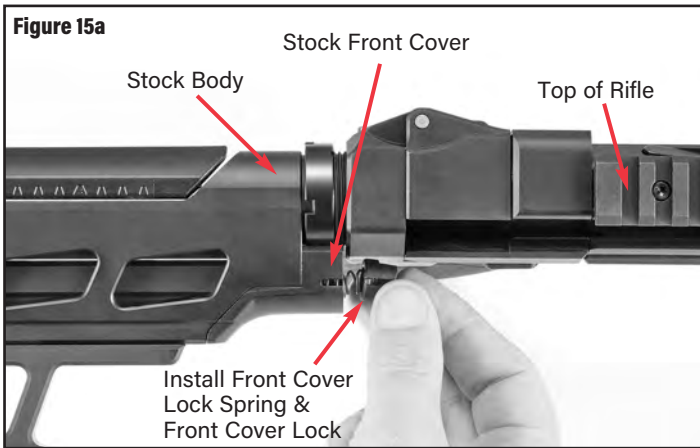


8. Thread the stock body into the stock mount back until the stock front cover is in contact with the stock mount back. (See Figure 15.)

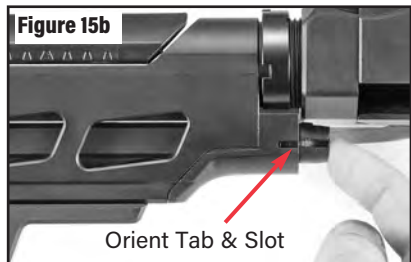
NOTE: Your buttstock might rotate to a different position than shown in Figure 14.



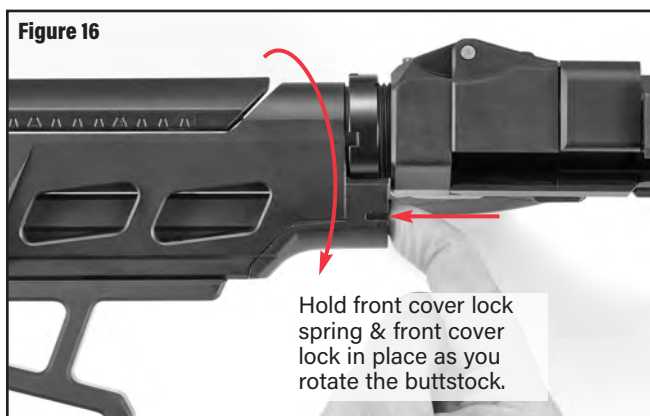
9. Next, rotate the stock body **counterclockwise** into proper alignment with the stock mount back, then continue **counterclockwise** past this point just far enough to install the front cover lock spring and front cover lock into the stock front cover. (See Figure 15a.)



Orient the tab on the front cover lock with the slot on the stock front cover. (See Figure 15b.)

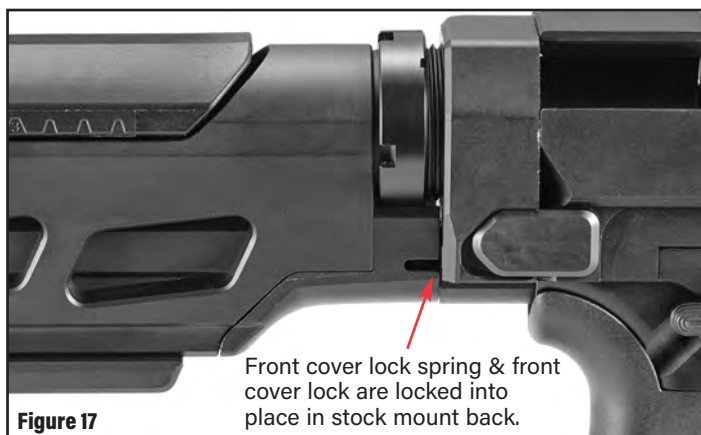


10. The front cover lock spring and the front cover lock should be pressed into the stock front cover until flush. (See Figure 16.)



While holding the front cover lock and spring in place, rotate the buttstock *clockwise* so it lines up with the stock mount back. At this point the front cover lock spring and front cover lock will lock into place in the stock mount back. (See Figure 17.)

NOTE: There will be a slight gap between the stock front cover and the stock mount back. This is normal. (See Figure 17.)



11. Tighten the castle nut against the stock mount back. (See Figure 18.)
When tightening the castle nut, be sure the buttstock is aligned with the grip before tightening the castle nut all the way. (See Figure 18.)

NOTE: As the castle nut is tightened it may be necessary to reposition the wrench to avoid contact with the stock front cover.

NOTE: The front cover lock is not an alignment tool and does not ensure that the buttstock is parallel with the grip.

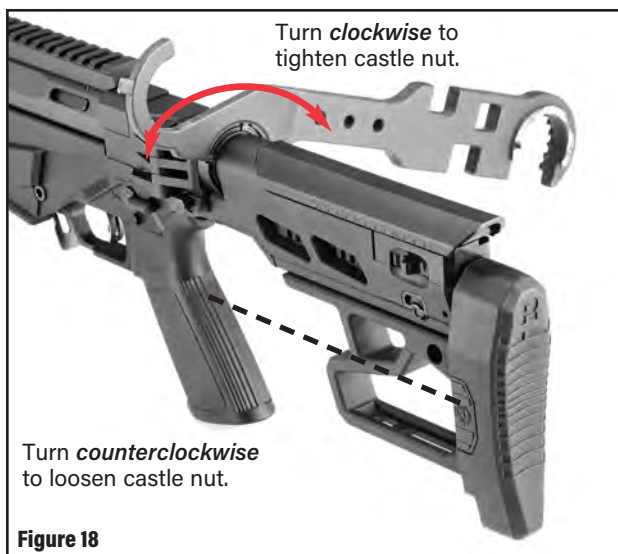


Figure 18

To Uninstall New Buttstock

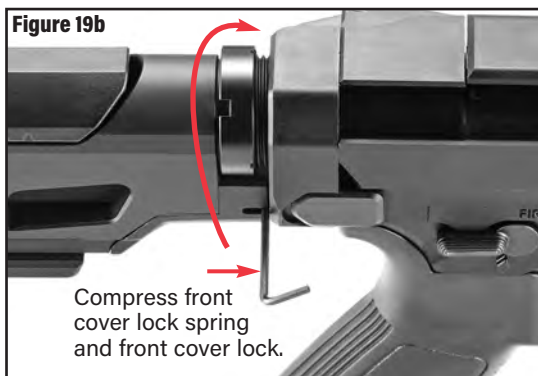
1. **Keep the rifle pointed in a safe direction.**
2. Put the safety selector switch in the "SAFE" position. (See Figure 1. p. 1.)
3. **CHECK TO BE CERTAIN THAT THE CHAMBER AND MAGAZINE ARE EMPTY.**
4. Remove the magazine, see p. 2, steps 4a & 4b.
5. Remove the bolt, see p. 2, steps 5a - 5d.
6. Loosen the castle nut. (See Figure 18 above.)
7. Insert an appropriately-sized punch or Allen key into the slot of the stock front cover. (See Figure 19a.)

NOTE: The 5/32" Allen wrench located inside the bolt will work for this.



Figure 19a

Compress the front cover lock spring and front cover lock as you rotate the buttstock off the stock mount back. (See Figure 19b.)



As soon as the front cover lock spring and front cover lock are exposed beyond the front cover you can remove the punch or Allen key.

CAUTION: Be sure to hold the front cover lock spring and front cover lock in place as you rotate the stock. The front cover lock spring and front cover lock are under compression and can forcefully eject from the front cover. (See Figure 19c.)



The front cover lock spring & front cover lock can be removed from the stock front cover and put in a safe place for future use.

Continue to rotate the buttstock off the stock mount back.

Stock Adjustment

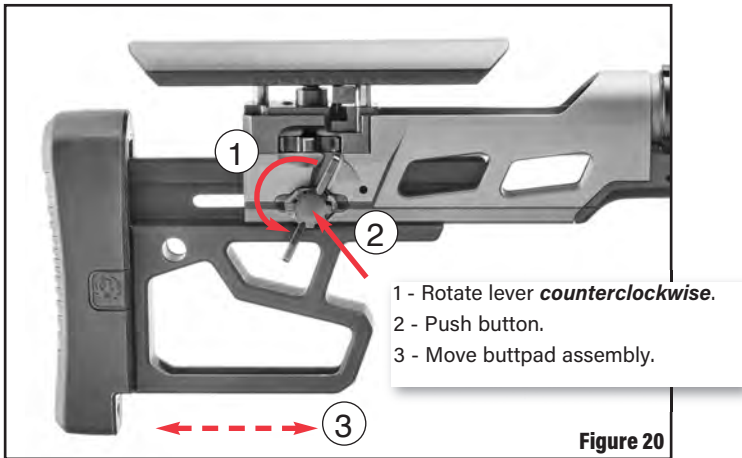
Keep the rifle pointed in a safe direction.

Put the safety selector switch in the "SAFE" position. (See Figure 1. p. 2.)

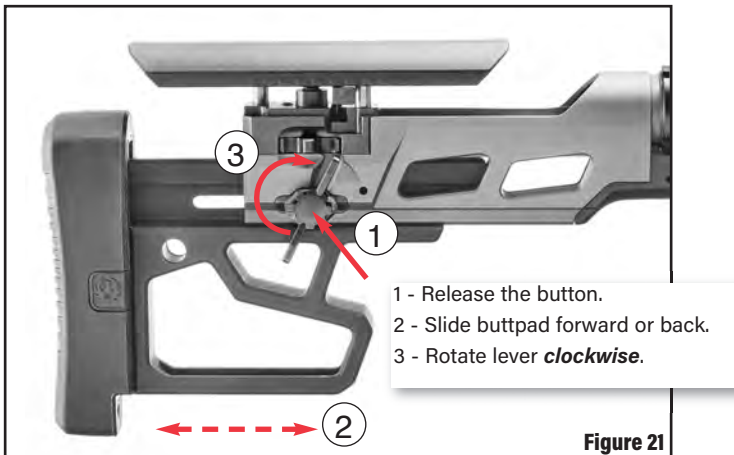
CHECK TO BE CERTAIN THAT THE CHAMBER AND MAGAZINE ARE EMPTY.

To Adjust the Length of Pull:

1. To adjust the length of pull, rotate the length of pull lever **counterclockwise** (see Figure 20). While pushing the button, the entire buttpad assembly can be moved in or out to lengthen or shorten the length of pull (see Figure 20).

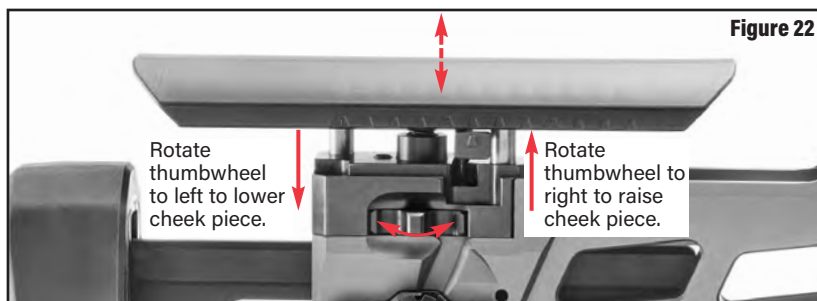


2. To lock the buttpad in place, release the button and slide the buttpad forward or rearward slightly to allow the length of pull lock to spring into place. Rotate the lever **clockwise** to lock it in place. (See Figure 21.)

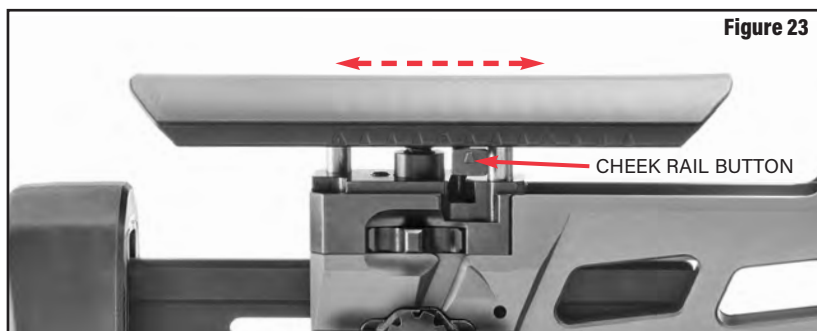


Adjusting Cheek Piece:

1. The cheek piece can be raised and lowered by rotating the thumbwheel. (See Figure 22).

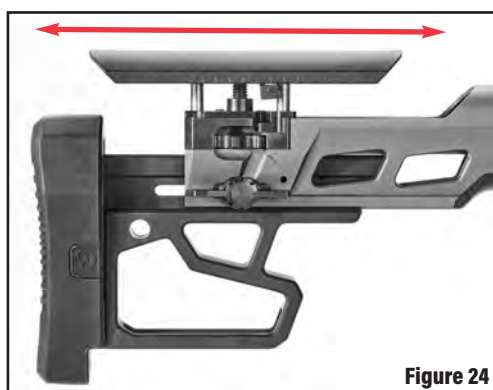


2. The cheek piece can be adjusted forward and rearward by pressing the cheek rail button under the cheek piece and sliding the cheek piece to its desired location. (See Figure 23).



To Move Cheek Rail Button to Other Side of Stock:

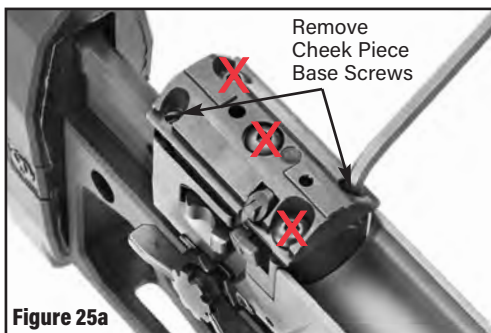
1. The cheek rail button can be moved to the other side of the stock. To switch the cheek rail button, remove the cheek piece by pressing the cheek rail button and sliding the cheek piece either forward or backward off the cheek piece rail. (See Figure 24.)



NOTE: The height of the cheek piece and other components may require you to adjust the height of the butt pad to remove the cheek piece, and the cheek piece may only be able to be removed by sliding it to the rear.

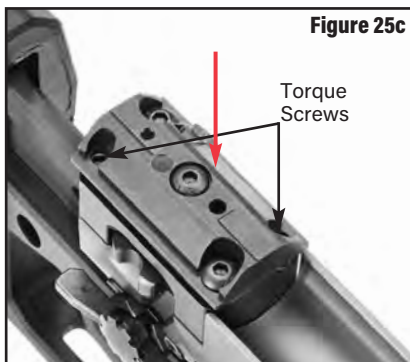
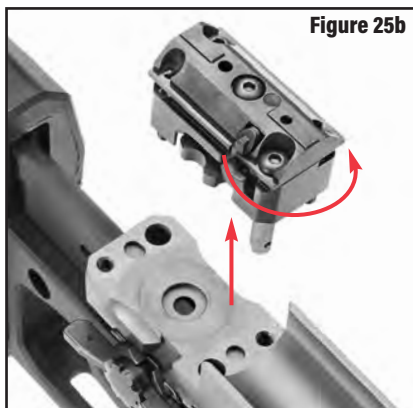
2. Next, using a 5/32" Allen wrench, remove the two cheek piece base screws (front left and rear right) by turning them **counterclockwise**. (See Figure 25a.)

NOTE: Do not remove the cheek piece rail screws.



Lift the entire cheek piece base assembly from the stock body and rotate it 180°. (See Figure 25b.)

Reinstall the cheek piece base onto the stock body. Using a 5/32" Allen wrench, reinstall the two cheek piece base screws by turning them **clockwise** (torque to 15 in-lbs.) (See Figure 25c.)



The cheek rail button can now be operated from the opposite side of the stock. (See Figure 26.)



Height of Buttpad Adjustment:

1. Press in and hold down the buttpad button, located on the shooter's left-hand side of the buttpad. (See Figure 27.)
2. While the buttpad button is pressed in, the buttpad can be raised or lowered to your desired height. (See Figure 27.)

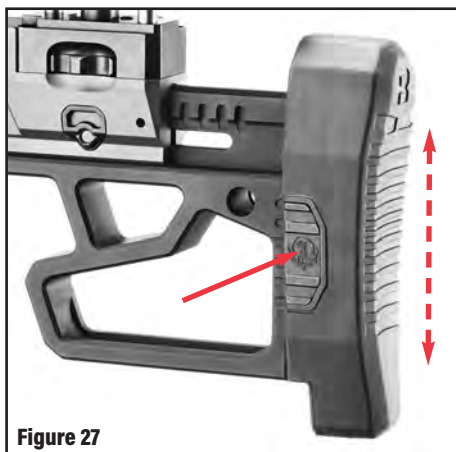


Figure 27

NOTES



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