

Thank you for purchasing KRG Whiskey-3 Chassis (Gen 7). We hope that you enjoy your chassis and we think that you'll find it to be high quality and an exceptional value.



INST-W3-G7

# Whiskey-3 Chassis (Gen 7)

## Contents of Package:

- Whiskey-3 Chassis assembled – accepts 5 or 10rd AICS magazines (with or without spacer for T3 version)
- Baggie with following contents:
  - 1ea M6x45mm Socket Head Screw or 1/4"-28 x 1 3/4" (Rear Action Screw)
  - 1ea Washer for Rear Action Screw
- Baggie with the following contents:
  - 1ea KRG L2 Rail Kit
  - Metric M5 hardware to mount these rails to the chassis

## Installation Instructions:

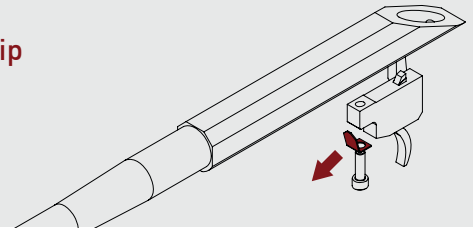


**Safety Warning:** Before you attempt any installation, make sure your rifle is unloaded. Also, before starting remove the bolt and magazine from the rifle.

## Part I: Remove action from existing chassis/stock

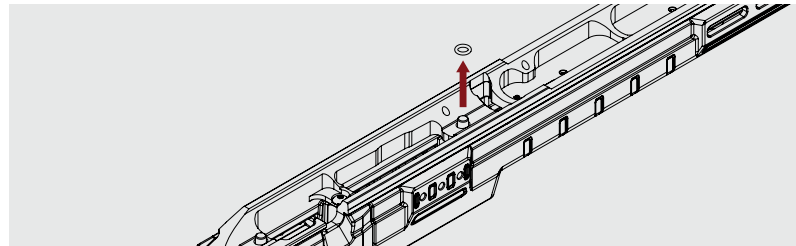
**Step 1:** Loosen the two screws that hold the action into the stock. Next pull the barreled action out of the stock. For Tikka T3-remove the metal magazine spring plate from the trigger and re-install trigger. For Remington 700 – you will need to remove the box magazine parts.

For Tikka T3  
remove spring clip



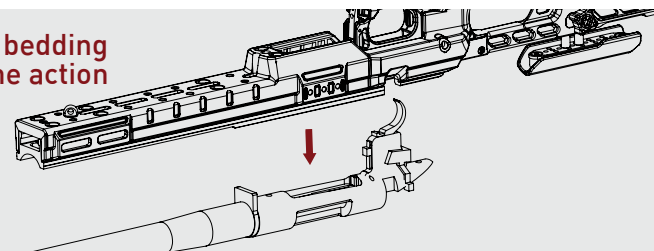
## Part II: Install your action into the Whiskey-3 Chassis

**Step 1:** Turn the chassis upside down. The front action screw should already be in place, you will need to remove the c-clip or o-ring retainer that holds it. This is located inside the inlet area where the action sits.

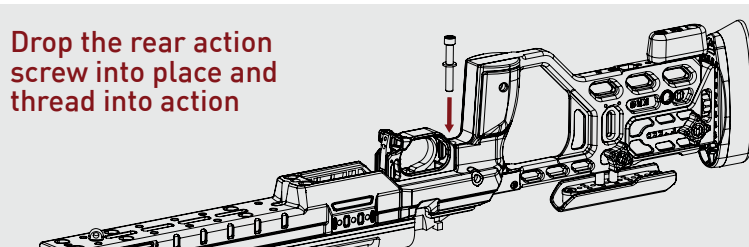


**Step 2:** With the chassis upside down, set chassis' bedding area (V-block for Tikka and Radiused area for Remington) onto the action. Using a 5mm or 3/16" hex bit (depending on inlet), turn the front action screw to engage the threads in the action to draw the action into the chassis, do not fully tighten at this point.

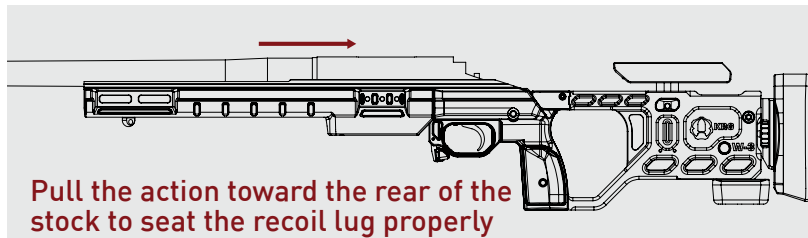
Set chassis bedding  
area onto the action



**Step 3:** Drop the rear action screw with washer into the hole just behind the trigger guard, turn the screw to engage the threads in the action. Again do not fully tighten.

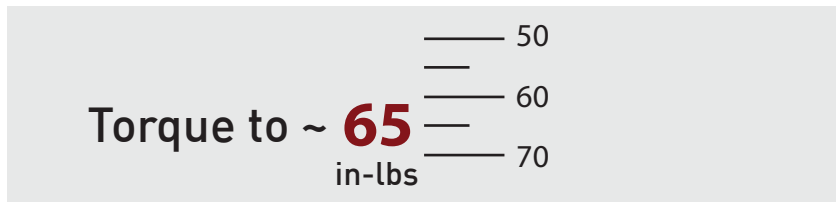


**Step 4:** Pull the action towards the rear of the stock while holding the stock stationary. This is to seat the action against the recoil lug.

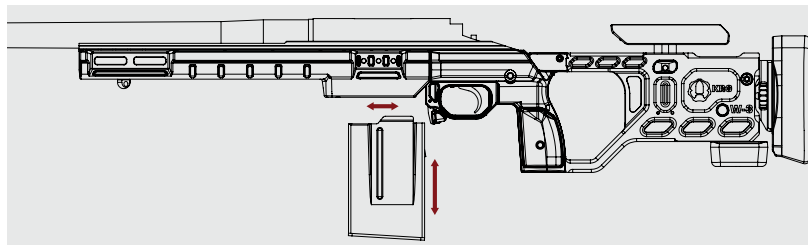


**Step 5:** Making sure the action is level and not canted to the left or right, next tighten both action screws until they are snug but not fully tightened.

**Step 6:** Torque both screws to 65 in-lbs of torque in an incremental manner, moving back and forth between the two screws until full torque is reached. We recommend experimenting with the torque settings to find the best accuracy for your rifle. In our experience, some rifles shoot better with less than 65 in-lbs.



**Step 7:** Insert a magazine to test for fit, the forend can be moved forward or backward a small amount to adjust the magazine fit. Additionally, the trigger guard can be moved a small amount as well if necessary. Note that you may experience some bolt drag on the feedlips of the magazine. You can help this by widening the feedlips of the magazine a little. **\*\*\*Due to the magazine design of the AICS magazine and the magwell of the W3C, it may be possible to put pressure on the mag and push it up against the bolt. For this reason we do not recommend resting the gun on the magazine when firing.**

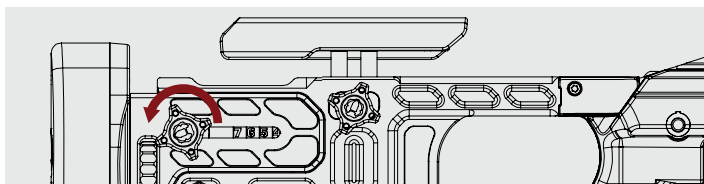


Time to adjust the stock to fit you!

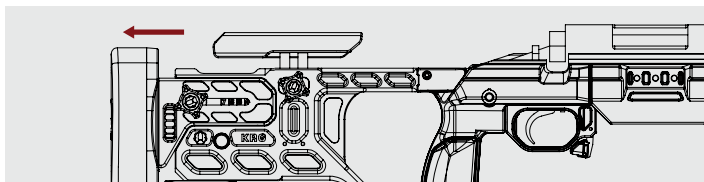
## Length of Pull (LOP) Adjustment

Tool-less LOP adjustment:

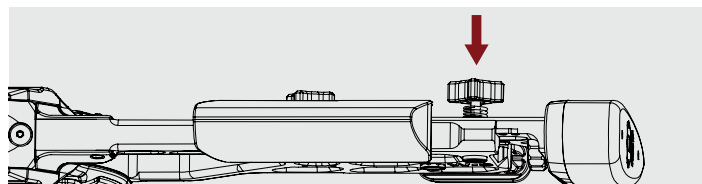
**Step 1:** Loosen the LOP thumbscrew until it stops, it does not come all the way off.



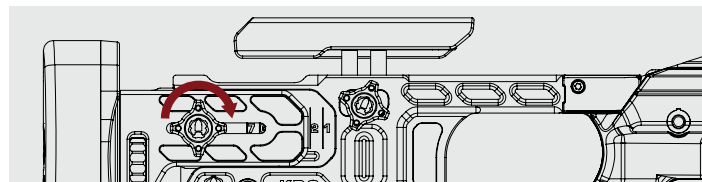
**Step 3:** Move the LOP to desired position and release pressure on thumbscrew.



**Step 2:** Push in on the thumbscrew to disengage the LOP lock.



**Step 4:** Tighten the LOP thumbscrew.

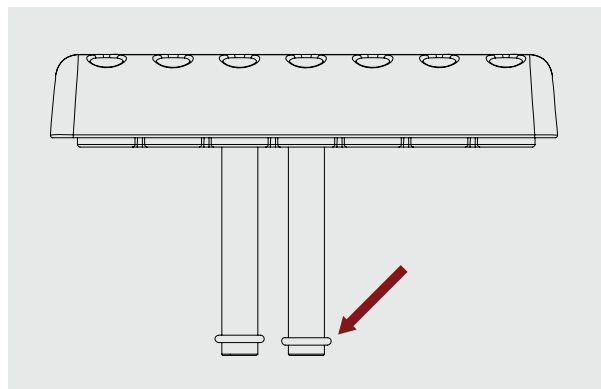


# Cheek Height Adjustment

Tool-less cheek height adjustment with a simple return to zero feature

**Step 1:** Loosen the thumbscrew and remove the cheek piece, then slide the o-rings toward the bottom of the riser posts and re-insert the cheekpiece.

**Step 2:** Getting into position behind the rifle, place your head gently on the cheekpiece. The cheekpiece should be too high for a proper view through the scope. With the thumbscrew slightly loose, push the cheekpiece down with your head until it rests in the proper position so you have a perfect view through the scope. Tighten the thumbscrew to lock the cheekpiece in that position. When you need to remove the rifle bolt from the action for cleaning, the o-rings will keep the position you selected when you re-install the cheekpiece.



# Lateral and Longitudinal Cheekpiece Positioning

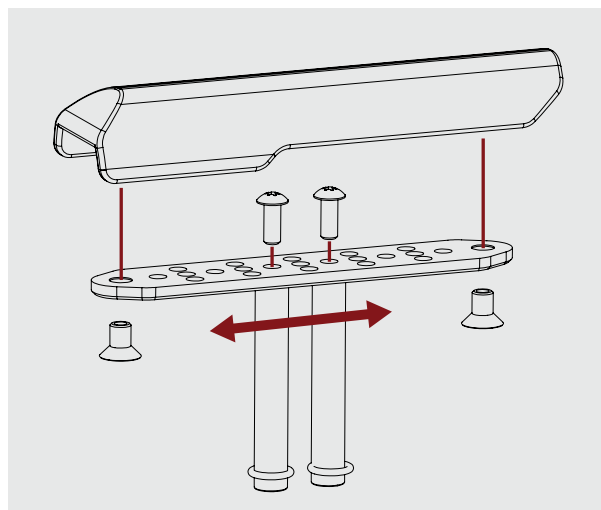
**Step 1:** Remove M5x8mm flat head screws attaching cheekpiece adjustment plate to the cheekpiece. (use 3mm hex wrench)

**Step 2:** Remove M4x10mm button head screws attaching riser posts to the cheekpiece plate. (use 2.5mm hex wrench)

You can move the cheekpiece forward and backward and side to side to change cheekpiece position.

**Step 3:** Reassemble the cheekpiece and install it back on the chassis.

We recommend using blue Loctite on the M4x10mm button head screws.

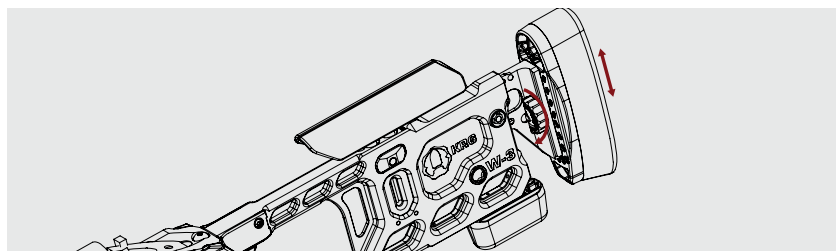
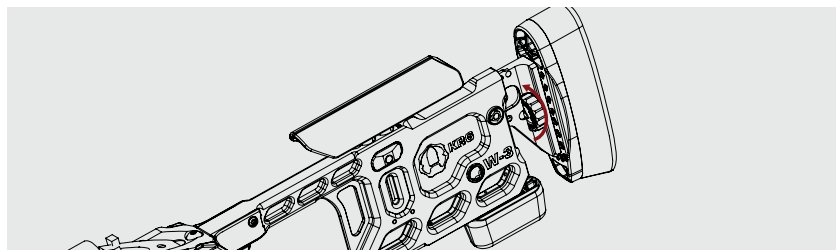


# Buttpad Vertical Adjustment

Tool-less adjustment for height and cant (15 degrees each direction)

**Step 1:** Extend out the LOP to gain access to the thumbscrew which holds the buttpad in place and loosen the thumbscrew.

**Step 2:** Slide the buttpad up or down in 1/4" increments, or cant it 15 degrees to either side. There are protrusions on the aluminum LOP bar that fit into pockets on the polymer buttpad housing, assuring positive lock up. Retighten Thumb-screw when desired position is achieved.

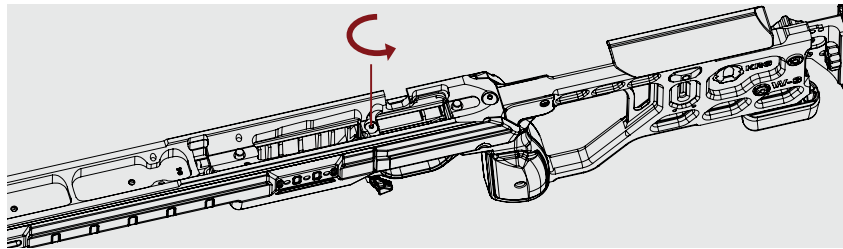
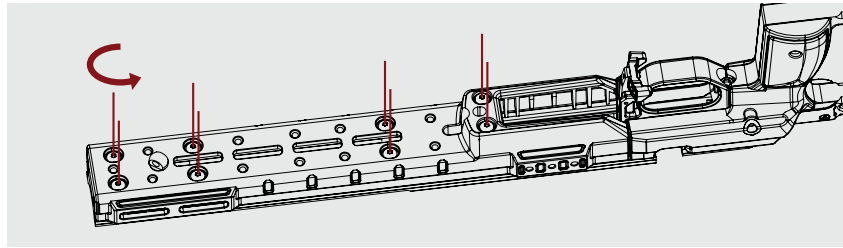


## Magazine Fit Adjustment Requires hex bit (Allen wrench)

**Step 1:** Using a 3mm hex bit, loosen the **M5 screws** that hold forend onto chassis. Tikka versions have 6 screws, Remington 700 versions have 8 screws. These screws have blue Loctite so they may be difficult to loosen.

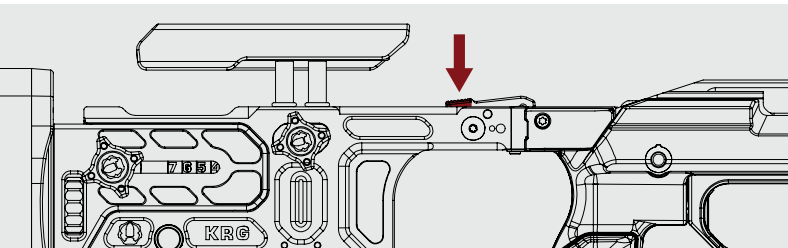
**Step 2:** Slide the forend forward or backward incrementally to achieve the desired magazine fit. Re-tighten screws from step 1.

**Step 3:** If unable to achieve desired fit, trigger guard can be moved forward and backward a small amount as well. Remove action from stock, loosen screw holding trigger guard to stock, reposition trigger guard, re-tighten screw.



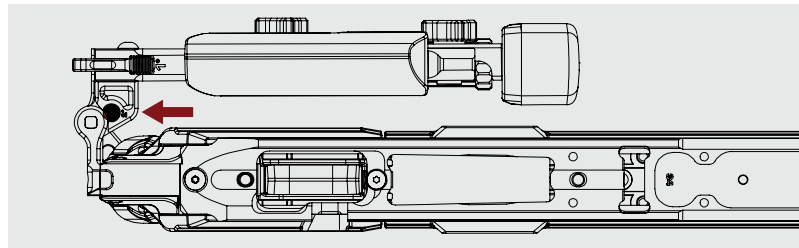
## The Folding Latch Mechanism

There are two different latches in the folding mechanism, the main latch to lock the stock in the open, operational position, and a secondary latch to lock the stock in the folded position.



**NOTE:** The latch mechanism to hold the buttstock in the folded position is a positive lock system. You **MUST** press the unlock button pictured above to unfold the stock. It does not release just by pulling on the buttstock.

**NOTE:** The chassis is not designed nor intended to be fired in the folded position.

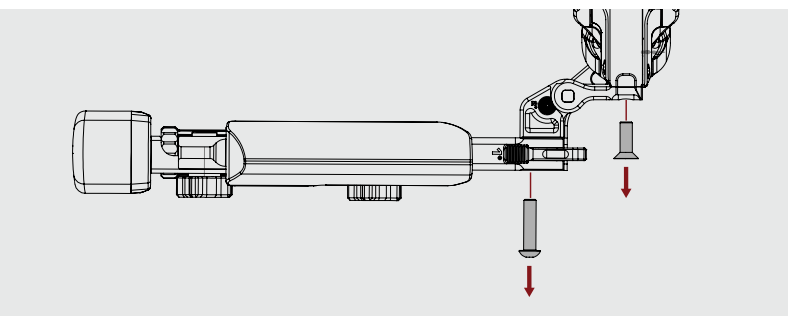


**NOTE:** Latch mechanisms were designed to be strong and reliable and if treated properly will give you thousands of folding/unfolding cycles. Do not abuse the latch mechanisms, i.e. carry a complete rifle by just the folded buttstock or open the stock from the folded position without pushing the unlock button. We recommend that when carrying in the folded position during heavy field use, strap the buttstock down with a length of nylon or route a strap from your scope cover around it to keep it from getting snagged.

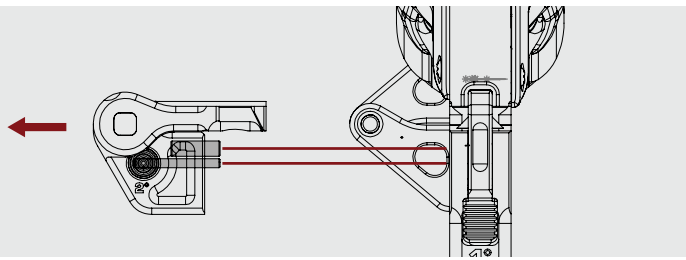
## Folding Mechanism Conversion

As shipped, the chassis will fold to the left side. However, it is possible to convert the folding mechanism to the opposite side by disassembling and reversing the hinges.

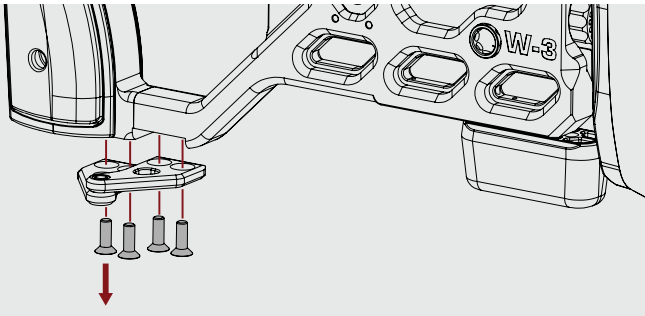
**Step 1:** Using a 4mm hex bit, remove **M6x25mm button head screw** and **M6x18mm flat head screw** to take off the top hinge.



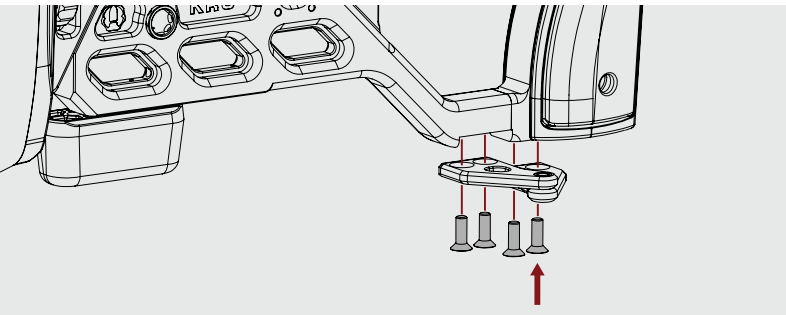
**Step 2:** Remove the top hinge, ensuring both pins remain inside the hinge. The smaller-diameter pin secures the secondary release button in place and should not be removed.



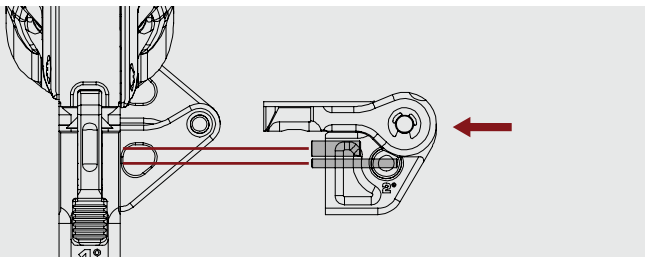
**Step 3:** Using a 2.5mm hex bit, remove the **four M4x12mm flat head screws** in order to remove the bottom hinge.



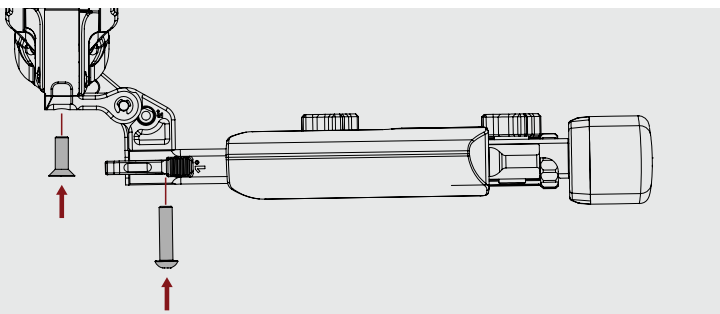
**Step 4:** Reverse the bottom hinge to the opposite side and retightened the four **M4 x 12mm flat head screw**. Tighten to **45 in-lbs**.



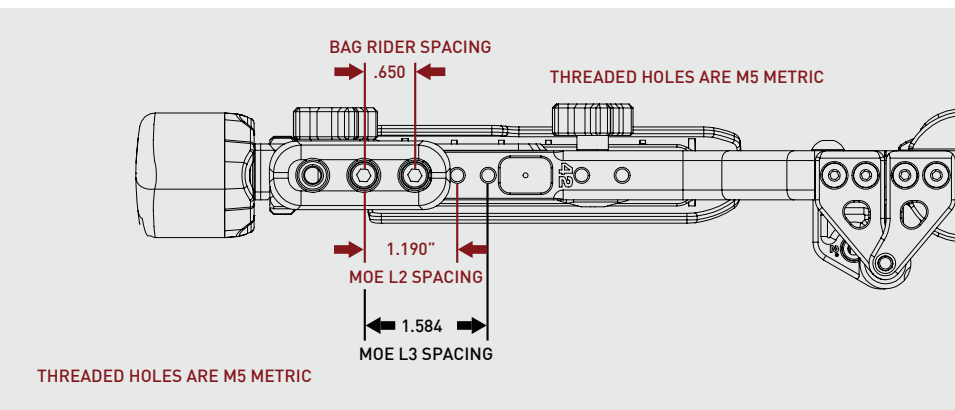
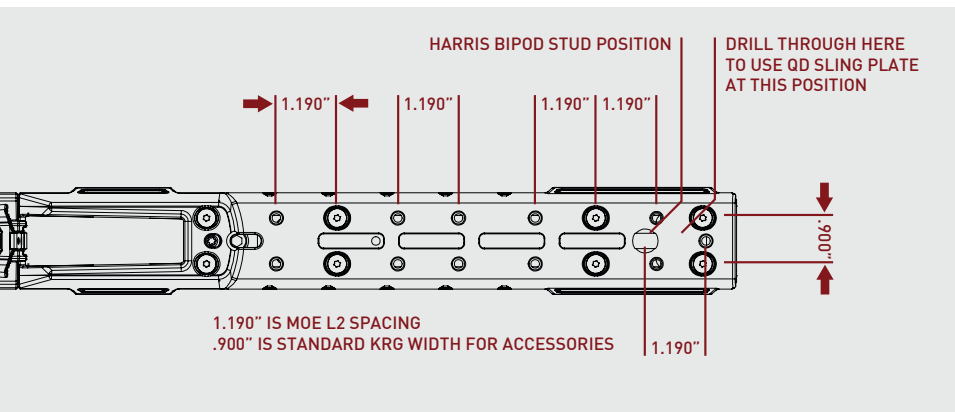
**Step 5:** Reverse the top hinge and reinsert into the chassis. The release button will move to the bottom of the hinge.



**Step 6:** Apply a small amount of blue Loctite to the **M6x25mm button head screw** and **M6x18mm flat head screw** and attach top hinge to the chassis.



# Mounting Options Data



- Recommended torque specs:**
- Forend to Backbone – M5 fasteners – 20 in-lbs max (blue loctite recommended)
  - ARCA Rail Mounting – M5 fasteners threading into Backbone – 20 in-lbs max (blue loctite recommended); M5 into Steel Hex Nut – 35 in-lbs
  - Spigot Mount – M4 fasteners – 15 in-lbs
  - NV Mount – M4 fasteners – 15-in-lbs

- Tools required:**
- 2.5mm, 3mm, 4mm, 5mm hex wrenches
  - 3/16" (Rem 700 Action Screw)