

Thank you for purchasing our Whiskey-3 Chassis (Gen 6)

INST-W3-TRG

# Whiskey-3 Chassis (Gen 6) TRG-22/42



## Contents of Package:

- Whiskey-3 Chassis assembled – TRG-22 version uses factory Sako TRG-22 mags; TRG-42, M995 version uses AICS .338 LM CIP length mags
- Baggie with following contents:
  - Rear action screw: 1ea M6 x 30mm socket head screw
  - Rear action screw: 1ea M6 x 30mm button head screw (for post-2013 rifles)
  - Mid action screw: 1ea M6 x 12mm socket head screw and 1ea M6 washer
  - 1ea M6 shim for mid action screw between chassis and action
  - M995 trigger guard screw and rear action screw-2ea M6 x 45mm (not used for TRG rifles)
- Baggie with the following contents:
  - KRG L2 rail
  - Metric M5 hardware to mount these rails to the chassis
  - TRG-42 chassis includes magazine catch

## Installation Instructions:



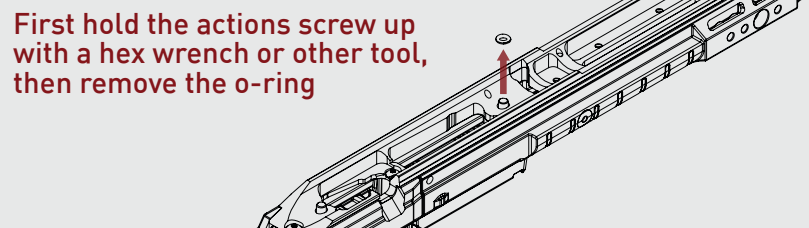
**Safety Warning:** Before you attempt any installation, make sure your rifle is unloaded. Also, before starting remove the bolt and magazine from the rifle.

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

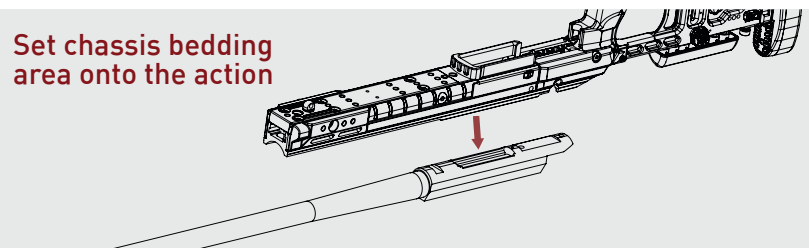
**Step 1:** Remove trigger, then TRG forend. This will expose the three screws that hold the action into the factory TRG-22/42 chassis. Remove these screws and take barreled action out of factory stock.

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

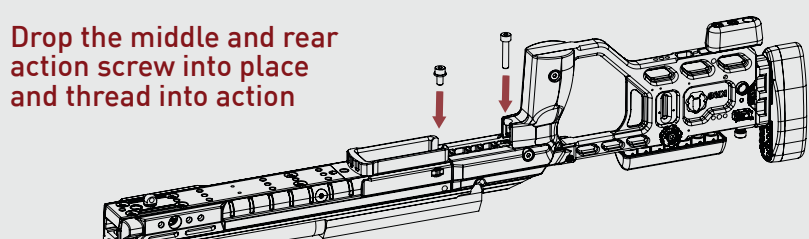
**Step 1:** Turn the chassis upside down! The front action screw should already be in place, you will need to remove the o-ring retainer that holds it. This is located inside the inlet area where the action sits. The TRG-42 version may not have this.



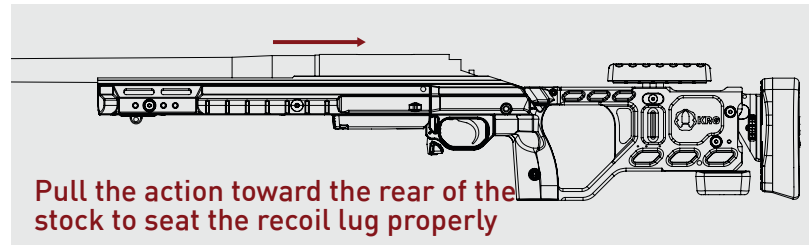
**Step 2:** With the chassis upside down, set your the chassis' bedding area onto the action. Make sure the recoil lug in the chassis fits into the lug recess in the action. Turn the front action screw to engage the threads in the action to draw the action into the chassis, do not fully tighten at this point.



**Step 3:** Drop the middle and rear action screws into place. Turn the screws to engage the threads in the action. Again do not fully tighten. The middle action screw gets an M6 washer under the head. The rear action screw does not get a washer. For post-2013 rifles, use silver button head rear action screw. For pre-2013 rifles use black socket head rear action screw. **For all rifles, insert included shim between chassis and action at middle action screw position**

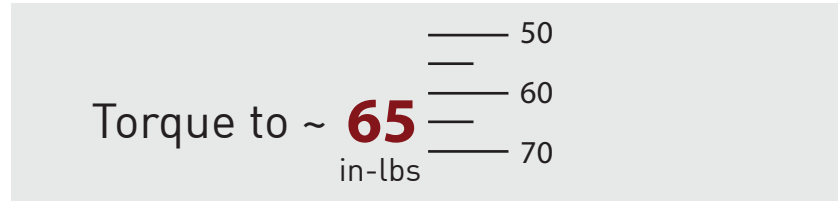


**Step 4:** Pull the action towards the rear of the stock while holding the stock stationary. This is to seat the action against the recoil lug.

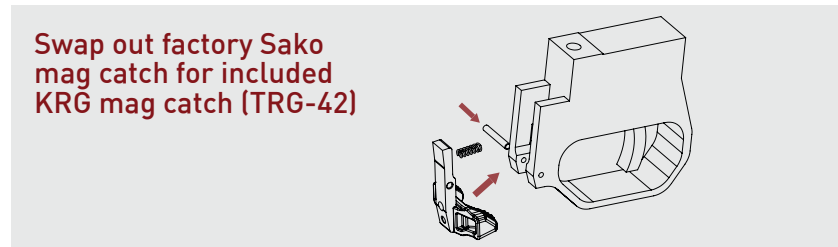


**Step 5:** Making sure the action is level and not canted to the left or right, next tighten all three action screws until they are snug but not fully tightened.

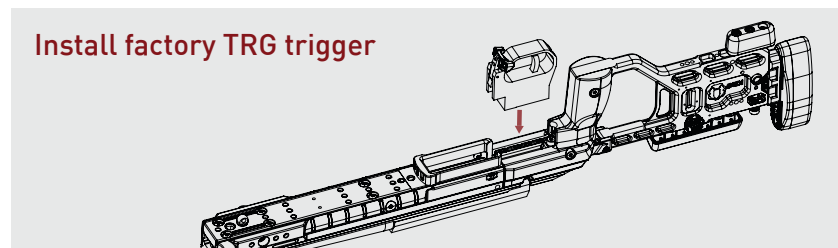
**Step 6:** Torque all action screws to 65 in-lbs of torque in an incremental manner, moving back and forth between the three screws until full torque is reached. We recommend experimenting with the torque settings to find the best accuracy for your rifle. In our experience, some rifles shoot better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



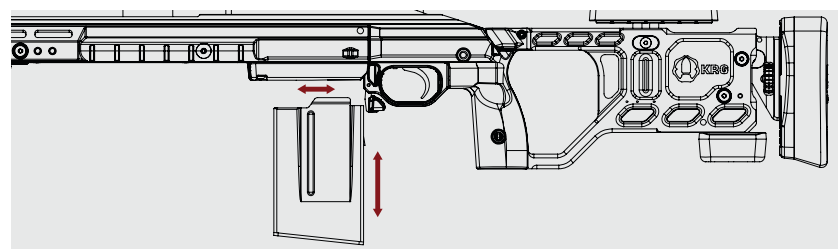
**Step 7:** For TRG-42 chassis only, replace factory Sako magazine catch with KRG mag catch. To do this, push out the pin that holds in the factory catch and swap in KRG mag catch using the factory pin and mag catch spring.



**Step 8:** Install TRG trigger assembly from the bottom of the chassis.



**Step 9:** Insert a magazine to test for fit, the forend can be moved forward or backward a small amount to adjust the magazine fit. If you experience bolt drag on the feedlips of the magazine, you can help this by widening the feedlips of the magazine a little.  $\Delta$  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.  $\Delta$  Finally, tighten two top grip panel screws which are left loose intentionally.

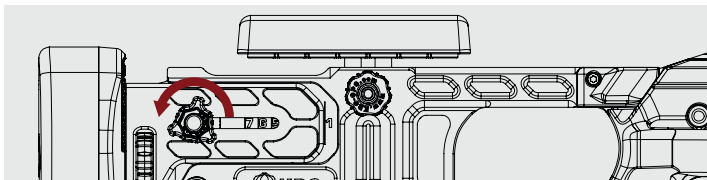


Time to adjust the stock to fit you!

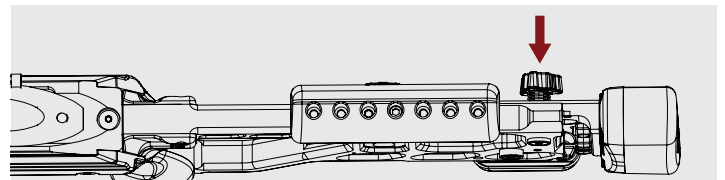
## Length of Pull (LOP) Adjustment

Tool-less LOP adjustment:

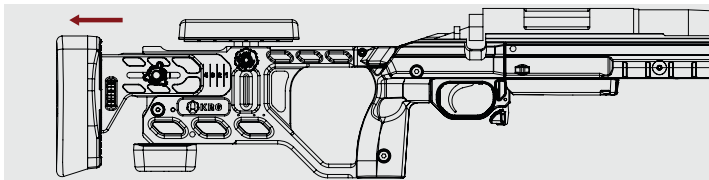
**Step 1:** Loosen the LOP thumbscrew until it stops, it does not come all the way off.



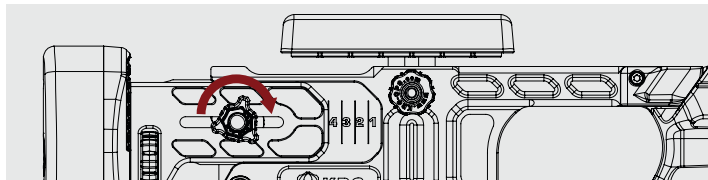
**Step 2:** Push in on the thumbscrew to disengage the LOP lock.



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



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



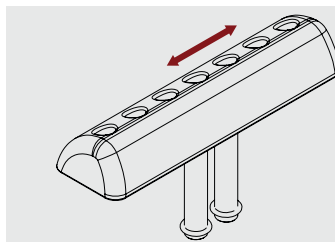
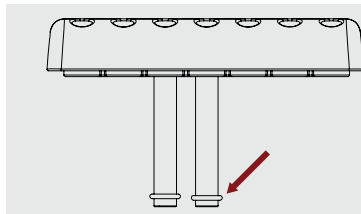
## Cheek Height Adjustment

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 cheek piece.

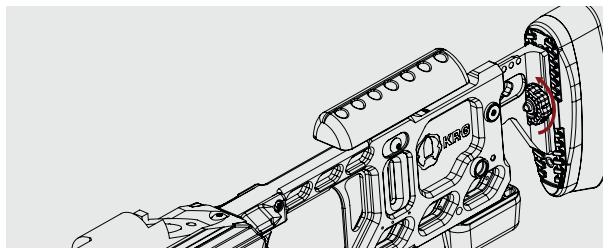
**Step 3:** Optional – You can move the cheek piece forward and backward by removing the two screws holding the cheek piece to the two cheek riser posts and then switching the holes in which the riser posts sit. (use 3mm hex wrench)



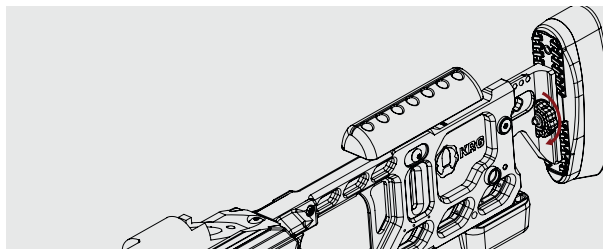
## Buttpad Vertical Adjustment

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.



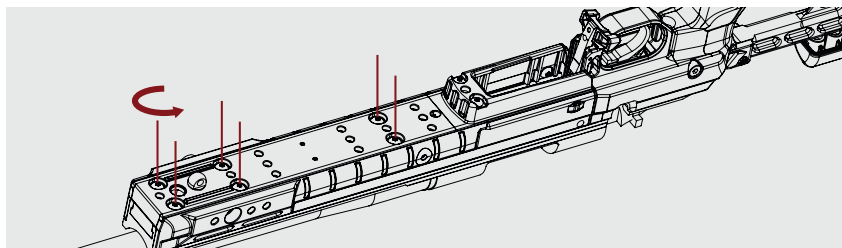
**Step 2:** Slide the buttpad up or down in 1/4" increments, or cant it 15 degrees to either side. There are protrusions on the aluminum LOP bar that fit into pockets on the polymer buttpad housing. Retighten Thumbscrew when you have it set where you want.



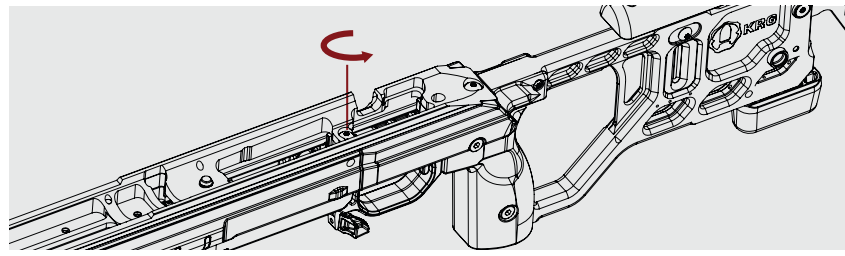
## Magazine Fit Adjustment Requires hex wrench (Allen wrench)

**Step 1:** Loosen the M5 screws that hold forend onto chassis with 3mm hex wrench. 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 a small amount to achieve the desired fit of the magazine into the stock. Re-tighten screws from step 1.

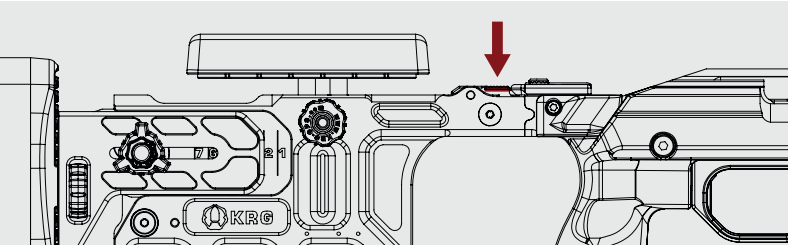


**Step 3:** If unable to achieve desired fit, trigger guard can be moved forward and backward a small amount as well. Remove action from stock, loosen screw holding trigger guard to stock, reposition trigger guard, re-tighten screw.

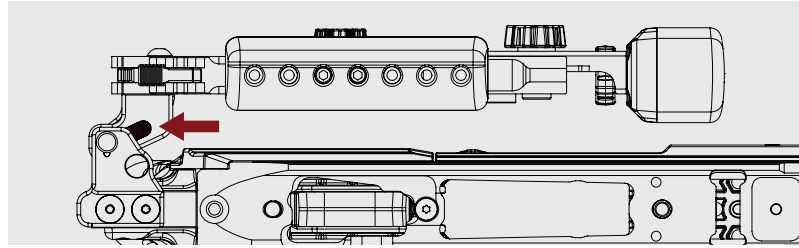


## The Folding Latch Mechanism

There are two different latches in the folding mechanism, the main one to lock the stock in the open or usable position and a secondary lock 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:** 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.

## Mounting Options Data

