



Installation Instructions  
Comp Chassis for the Ruger 10/22  
Crazy Ivan Enterprises, LLC

**ENSURE THAT YOUR FIREARM IS COMPLETELY UNLOADED BEFORE DOING ANY WORK TO IT!**

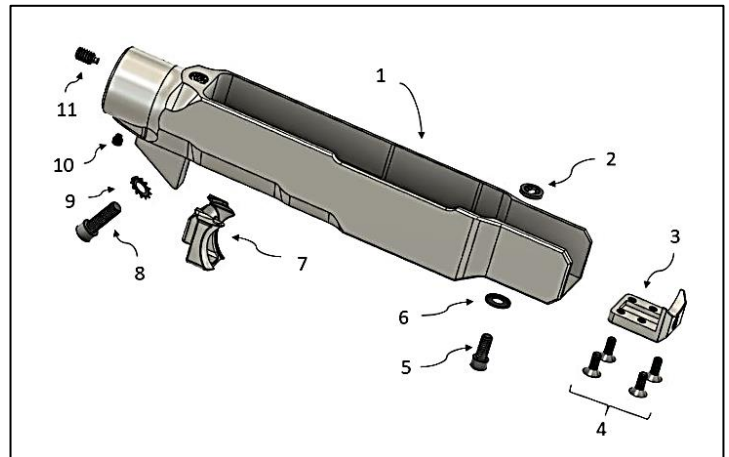
These instructions have been prepared to assist in the assembly of the Crazy Ivan Comp Chassis for the Ruger 10/22. The Crazy Ivan Comp Chassis is design to fit Ruger 10/22 rifles, carbines, and Charger pistols. It will also fit most aftermarket receivers except those with a tang at the rear. It will accommodate barrel profiles up to 0.920" (standard bull barrel diameter). This chassis is not compatible with Ruger 10/22 takedown models or similar - for those models use the Crazy Ivan Takedown Chassis.

**TIPS/NOTES:**

- A castle nut is not required because the buffer tube/stock set screw provides a very secure attachment. However, if you choose to install a castle nut the torque specifications are optional because the buffer tube is not part of the rifle operating system as is the case for an AR. However, be sure the stock is sufficiently tight to prevent movement, which is potentially dangerous.
- The stub socket at the front of the chassis allows grip stubs, handguards, and other accessories to be installed. The Comp Chassis is shipped with a Nylon12 plug for the stub socket. Additional instructions are provided with the accessories.

**Parts included:**

1. Chassis (1)
2. Takedown screw retainer (1) #12 nylon
3. Stub plug (1) Nylon12
4. Stub screws (4) #8-32x7/16" flat head
5. Takedown screw (1) socket cap #12-24x1/2"
6. Takedown screw washer (1) #12 flat
7. Grip spacer - Nylon12
8. Grip screw (1) socket cap 1/4"-28x3/4" (shorter than AR!)
9. Grip screw washer (1) 1/4" - lock
10. Buffer tube/stock set screw (1) #10-32x3/16- dog tip
11. Adjustment set screw (1) 1/4"-20x3/8" - nylon tip



Part Diagram

**Assembly Instructions:**

**STEP 1: Verify that the firearm is completely unloaded!**

**STEP 2:** Prepare the chassis by installing either the stub plug or one of the accessories with the four (4) #8-32 stub screws provided.

## **CRAZY IVAN ENTERPRISES, LLC**

### **Comp Chassis for the Ruger 10/22**

**STEP 3:** Install the takedown screw (#12-24x12") and washer (#12 flat) into the chassis and secure from inside the chassis with the #12 nylon retainer. The nylon retainer will keep the takedown screw and washer attached to the chassis when the receiver is removed for cleaning or service.

**STEP 4:** Remove the barreled action from the existing stock if not a new build.

**STEP 5:** Insert the rear of the barreled action into the chassis and lower the front into the chassis. Note that the trigger safety must be half way between the "on" and "off" positions for it to clear the lower chassis during assembly. Tighten the takedown screw until snug, but do not fully tighten until the end of STEP 6.

**STEP 6:** Install the adjustment screw (nylon-tip set screw 1/4"-20 x 3/8") into the hole located inside the buffer tube hole in the lower chassis. Use of removable thread locker (e.g. Loctite Blue 242) is recommended since this screw is a "set and forget" feature. This screw serves the same function as installing a tang on the receiver or bedding the receiver: it provides a custom fit and will remove the small amount of play that might be present at the rear of the receiver. Slowly tighten the screw until it is snug against the rear of the receiver. Do not overtighten the screw or it will be difficult to disassemble the firearm. To check this, after tightening the adjustment screw, loosen the takedown screw and check disassembly/reassembly before proceeding to STEP 7 (which will block access to the adjustment screw). Once a snug fit is achieved and the receiver can still be removed from the lower chassis, tighten the takedown screw again (completely) and proceed to STEP 7.

**STEP 7:** Thread the AR buffer tube into the lower chassis and secure it with the provided buffer tube/stock set screw (#10-32x3/16" - dog tip). The set screw is sufficient to align and secure the buffer tube/stock - use of the castle nut is optional. If a Crazy Ivan carbon fiber stock is to be installed, follow the directions provided with the stock.

**STEP 8:** Install the grip spacer at the front of the AR grip.

**STEP 9:** Install the AR grip of your choice with the provided 1/4"-28 x 3/4" socket cap screw and 1/4" washer. Do not use a standard-length (1") AR grip screw, because it may not seat properly with some grips and might touch the trigger group. Some grips may also need to be trimmed to achieve a proper fit (e.g. beavertail grips).

If you have a question or comment, please contact me via email at [Karl@CrazyIvanLLC.com](mailto:Karl@CrazyIvanLLC.com), via US Mail at Crazy Ivan Enterprises, LLC, 1341 Forsyth Lane, Galena, Ohio 43021, or call 513-349-4745. Thank you!