



Thank you for purchasing the Forward Controls RHF4. Provided are the RHF4 Rail, (upper and lower piece), (4) screws for the rear of the handguard to secure to the barrel nut and (2) screws to secure the front of the handguard.

RHF4 may be put on any AR15/M4-type rifle which retains the standard barrel nut, but the existing Delta ring assembly and forward handguard cap **MUST BE REMOVED**. This may be accomplished by removal of the gas tube and barrel nut. Slide the barrel out of the upper receiver. With a pair of snap ring pliers, remove the snap ring and pull the delta ring and spring weld off the barrel nut. Uninstall the FSP/gas block and remove the handguard cap. Be sure when you reinstall the barrel to apply molybdenum disulfide grease or Molykote G-n assembly paste. Torque the barrel nut to 35 ft pounds. Back off the barrel nut and re-torque. One final time, back off the barrel nut and re-torque. Align the barrel nut for gas tube installation. Once aligned, install the gas tube and gas tube roll pin.

Another way to accomplish the same task is to cut the Delta ring assembly and handguard cap off with a Dremel tool and snips. Wrap your upper and barrel well to protect from accidental scratches/dings. Cut the Delta/slip ring off in the 3 and 9 o'clock positions. Once it has broken free, with a pair of pliers pull off the spring weld and snap ring. This will damage these components and all should be thrown out. To remove the handguard cap, snip the metal at the 3 and 9 o'clock positions, then, bend back and forth until it breaks and snaps off. This requires no special tools and may be easier for a novice or inexperienced gunsmith.

If you have any questions, please contact us at 310-428-9453, or roger@forwardcontrolsdesign.com.



Pic 1



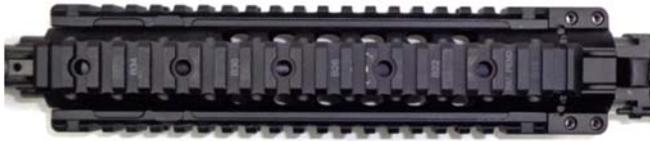
Pic 2



Pic 3



Pic 4



Pic5



Pic6



Pic7



Pic8



Pic9



Pic10

- Step 1 The Delta ring assembly and forward handguard cap must be removed as described above.
- Step 2 Shown is the proper condition of the barrel nut for installation without Delta ring, spring weld and snap ring.
- Step 3 Insert top handguard with the barrel nut showing through the cuts in the rail. The rail on the handguard should be in line with the upper receiver rail.
- Step 4 Align the ears on both sides of the rail with the upper receiver to position the rail properly.
- Step 5 Insert the bottom handguard onto the receiver. Be sure screw holes align.
- Step 6 Insert a locking screw into one of the holes on the top of the handguard.
- Step 7 Insert locking screws in a "X" pattern. Hand tighten ONLY until all 6 screws are in place.
- Step 8 Insert and screw in forward locking screws, on each side. Hand tighten ONLY.
- Step 9 Torque top 4 screws to 35 inch-pounds.
- Step 10 Torque side 2 screws to 30 inch-pounds.