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Free Float Hand Guard Installation Instructions

Please read all instructions step-by-step before proceeding to install the handguard.

May not be compatible with billet upper receivers.

If instructions are not followed, your warranty is void. If you are not comfortable with this install please have the handguard installed by a qualified gunsmith.

Before proceeding, make sure your rifle is pointed in a safe direction, magazine removed and chamber empty. Remove all ammunition and magazines from the workspace.

- 1.) Take the upper off the lower, remove the BCG, the charging handle, and any sights.
- 2.) Remove the existing factory handguard(s).
- 3.) Remove the flash hider or muzzle device.
- 4.) Remove the front sight/gas block, gas block, and if applicable handguard cap.
- 5.) Remove the factory barrel nut and delta ring assembly if installed.
- 6.) Make sure the barrel is still properly seated in the upper receiver.
- 7.) Apply a small amount of Aeroshell 33MS/64 or similar grease to the threads on the upper receiver and the front of the barrel extension collar.
- 8.) Remove the (2) 10-32 x ½" socket head cap screws from the rear of the handguard with the provided allen wrench. **DO NOT LOSE SCREWS.**
- 9.) Remove the MI Patented torque plate from the hand guard. **DO NOT LOSE TORQUE PLATE.**
- 10.) Remove the barrel nut from the rear of the handguard (If stuck, screw the upper receiver in a few turns and pull the barrel nut out with the upper receiver).
- 11.) Remove any oil or grease from the outside of the barrel nut and on the inside of the handguard.
- 12.) Screw the barrel nut onto the upper receiver threads with the four notches facing the muzzle.
- 13.) Using a ½ inch torque wrench and the included MI barrel nut wrench. Set your torque wrench to 40 ft/lbs. Hold the barrel nut wrench tightly against the barrel nut and torque to 40 ft/lbs.
- 14.) Install the low profile gas block and gas tube. Confirm gas block alignment.
- 15.) Slide the handguard onto the barrel nut and align with the upper rail by hand.
- 16.) Drop the torque plate into the slot in the handguard, (make sure the holes in the hand guard line up with the holes in the plate) and finger tighten the bolts.
- 17.) Torque the 10-32 x ½" socket head cap screw to 40 in/lbs. Check the receiver and hand guard rail alignment once you reach the torque setting.
- 18.) Install M-Lok rails to the outside of the handguard, torque M-Lok screws to 15 in/lbs.
- 19.) Perform a function check to make sure the firearm is in good working condition and all parts were reinstalled correctly.
- 20.) Using the 10 rules of firearm safety and proper safety equipment, test fire and confirm zero on your firearm.



Modification or alteration to these parts (to include custom coatings on the exterior of the barrel nut or interior of the handguard) voids all factory warranties.

If you have any questions about the install please give us a call at:

262-896-6780