



ZERO GROUP
MFG

ZRX SQD Handguard Installation

WARNING: BEFORE STARTING, MAKE SURE THE WEAPON IS UNLOADED, THE CHAMBER IS EMPTY, AND THE SAFETY ENGAGED.

OBSERVE SAFE FIREARM HANDLING PRACTICES AT ALL TIMES. FAILURE TO DO SO MAY RESULT IN SERIOUS BODILY INJURY OR DEATH. ZERO GROUP MFG. SHALL NOT BE RESPONSIBLE FOR INJURY, DEATH OR PROPERTY DAMAGE RESULTING FROM FAULTY INSTALLATION, MISUSE, ILLEGAL USE, OR MODIFICATION OF THIS PRODUCT.

Included with each ZRX SQD Hand Guard:

ZRX SQD Hand Guard, Barrel nut & wrench, T15 Plus or T20 Torx Wrench, Wedge set, anti-rotation pin and two 8-32 x 1/8 side set screws.

NOTICE: Before starting installation, remove barrel nut from hand guard. Thread barrel nut onto upper receiver, twist clockwise and pull

STEP 1: GREASE & INSTALL BARREL NUT

With your barrel already installed in your upper receiver, Prepare the barrel nut for installation by applying a small amount of grease to the threads. A lithium-based grease such as Aeroshell 64 is preferred.

Thread the barrel nut onto the upper receiver and snug by hand. Using the supplied barrel nut wrench as well as a ½ drive torque wrench, Torque the barrel nut to 60ftlb (Do not exceed the maximum suggested torque value of 80ftlb). Loosen and repeat the torque process 3 times to ensure proper thread preload.

STEP 2: INSTALL GAS TUBE & BLOCK

Install the gas tube and gas block. No timing or clocking is needed

STEP 3: INSTALL WEDGES

The wedges come pre-installed in your handguard in the appropriate direction. With the torx screw facing the muzzle end of the handguard, a small space between the top wedge and the face of the handguard. This can be used as reference if at any time the wedges are removed from the handguard during the installation process.

STEP 4: INSTALL THE ANTI-ROTATION PIN

If you are using a ZERO GROUP MFG. upper receiver or any other upper receiver compatible with an anti-rotation pin, Install the supplied anti rotation pin into the pre drilled hole in your upper. The pin should always be installed in the upper first and not the handguard. If you are using an upper receiver that is not compatible with an anti-rotation pin, an optic mount can be used to align the handguard to the upper by

bridging the mount across the picatinny rail of the upper and handguard and securing it tightly before installing the set screws and tightening the wedge.

STEP 5: INSTALL THE HANDGUARD

Install the handguard over the barrel and barrel nut. Align the handguard to your upper using the anti-rotation pin installed into your upper. LIGHT TAPS with a rubber mallet or soft faced hammer may be required to seat the handguard down onto the anti-rotation pin until the handguard and upper are completely mated together. (If installing the handguard onto an upper receiver that is not drilled for an anti-rotation pin, you can use the method mentioned in step 4 to align your handguard to your upper. You can also use an alignment tool such as the one found here: <https://www.brownells.com/tools-cleaning/gun-tools/rifle-tools/ar-15m16-handguard-alignment-tool/>

STEP 6: INSTALL SET SCREWS

Install the 2 side set screws using a 5/64 Allen wrench. We recommend using blue Loctite. Take your time aligning the screws and getting the thread started. DO NOT force the set screws as this can result in cross threading. The set screw holes are drilled toward the center of the entire system so take your time and be mindful of the angle at which the holes are drilled while aligning the screws. Once the screws are installed, tighten them by hand until they make contact with the barrel nut. Then tighten an additional ¼ turn DO NOT OVER TIGHTEN.

STEP 7: TIGHTEN THE WEDGE SCREW

Using the supplied Torx wrench, tighten the wedge screw clockwise. Wedges come with a built-in stop so they cannot be over tightened. Once tightened the faces of wedges should be close to flush or flush

INSTALLATION COMPLETE

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