



GEN. 2 AR-15 SPADE GRIP INSTALLATION

1. Be sure firearm is unloaded and upper receiver removed.
2. This accessory is designed for use with a Commercial carbine buffer tube. The buffer tube included in this kit is a Mil-Spec Carbine buffer tube, so the set screws on the bottom of the Spade Grip Assembly will not line up with the holes in the included buffer tube. (Instructions in Paragraph 5). Install the buffer tube and buffer being careful not to lose the takedown pin, spring, and detent from the rear of the receiver.
3. Remove the pistol grip being careful not to lose the safety selector detent and detent spring.
4. Install the trigger housing assembly where the pistol grip normally mounts, the trigger housing should extend forward along the right side of the lower receiver. Depending on the lower receiver and trigger guard, it may help to start with the front of the trigger housing rotated up. Magpul/ GI trigger guards may also be rotated down in the winter glove configuration during installation. Be sure the safety selector detent and spring are correctly installed during this procedure. Install the trigger guard plate on the left side of the trigger housing using the supplied 10-24 button head screw. **DO NOT OVER TIGHTEN**
5. Slide the Spade Grip assembly over the buffer tube with the trigger actuation rod feeding through the trigger actuator. The bottom rear of the buffer tube should be approximately even with the two socket head cap screws directly below on the butterfly. With a Commercial buffer tube you should be able to install both set screws in two buffer tube locking pocket holes. With the included buffer tube and other Mil-Spec buffer tubes, only one set screw will line up with the buffer tube locking pocket hole. Slowly screw in the bottom set screws until snug. No

more than 5 inch-pounds of torque. Make sure at least one set screw is centered and is in the buffer tube locking pocket hole. The second set screw will help stabilize the Spade Grip Assembly.

WARNING: THE FIREARM MAY INADVERTENTLY FIRE IF THESE SCREWS ARE NOT SEATED IN THE BUFFER TUBE HOLES. DO NOT EXCESSIVELY TIGHTEN, SNUG ONLY, AS THE BUFFER TUBE OR SPADE GRIP ASSEMBLY COULD BE DAMAGED.

6. Slowly screw the trigger guard tube out of the trigger housing until it lightly bottoms out inside the Spade Grip housing.
7. Install one of the 8-32 nuts on the trigger actuator rod and turn until it bottoms against the trigger actuator.

Steps 8 & 9 must be performed with the upper removed and the hammer cocked.

8. Push the butterfly to release the hammer, being careful not to let the hammer slam forward against the receiver. If the hammer does not release, tighten the nut on the trigger actuator rod 1/4 turn and retry until the hammer releases. Reset the hammer and try releasing the hammer again. If the hammer does not release the trigger rod nut is too tight. You will need to back off the trigger rod nut and try again.
9. Tighten the second 8-32 jam nut against the the first trigger rod nut, being careful not to change the adjustment.
10. The Installation is complete.

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