



Make sure gun is unloaded and safe before attempting any work on it. Use eye protection to avoid injury from spring powered plungers and detents while performing the stock replacement.



### WARNING



Never attempt to disassemble or reassemble a firearm unless you are absolutely certain that it is empty and unloaded. Visually inspect the chamber, the magazine and firing mechanism to be absolutely certain that no ammunition remains in the firearm. Disassembly and reassembly should follow the manufacturer's instructions. If such instructions are not immediately available, contact the manufacturer to see if they are available. If they are not available at all, then you should consult other reference sources such as reference books or persons with sufficient knowledge. If such alternative sources are not available and you have a need to disassemble or reassemble the firearm, you should proceed basing your procedures on common sense and experience with similarly constructed firearms.

With regard to the use of these tools, the advice of Brownells Incorporated is general. If there is any question as to a specific application it would be best to seek out specific advice from other sources and not solely rely on the general advice and warnings given.

### HOW TO USE

Separate the lower receiver from the upper and secure it in a vise using a lower receiver vise block (702-003-115). Make sure the receiver is placed in the vise to allow easy access to the buttstock/receiver extension.

Remove the buffer and buffer spring assembly by depressing the buffer retainer. Control the bolt buffer and spring as it is under pressure and set it aside.

Unscrew the buttstock screw and remove the A-1 or A-2 buttstock shell.

With an armorer's tool (080-216-015) or buttstock tool (080-000-291), unscrew the A-1/A-2 receiver extension tube. While unscrewing the tube use the other hand to depress and capture the buffer plunger and spring. The buffer retainer can come out after only 1 to 3 complete turns of the tube. *Use caution as the buffer retainer is under pressure from the spring and will forcefully eject from the receiver if not contained. Save the spring and retainer for installation later.*

Continue to turn off the receiver extension tube and while doing so, control and capture the take down pin plunger spring and take down pin plunger. Both are held in place by the lip of the receiver extension tube. Save the spring and detent parts for reinstallation later. *It is a good idea to tape the takedown pin in place as there is no need to remove it for this procedure.*

Clean any excessive oils, residue, or debris from the screw threads of the lower receiver and detent or plunger holes at this time.

Remove the Brownells M4 stock assembly from the bag and pull the spring and buffer from the receiver extension tube and set them aside. Do not mix them with the rifle spring and or buffer you have previously removed from the gun. *For ease of assembly you should remove the sliding buttstock from the carbine tube by pulling down on the rear most portion of the adjustment lever while pulling the buttstock from the carbine receiver extension tube.*

Remove the locknut from the M4 receiver extension tube, slide the plate off of the tube, and screw the locknut onto the tube with the slots to the rear of the tube and away from the receiver. Slide the receiver plate on to the tube with the mating surface (raised area) toward the front and thread the tube into the rear of the receiver. Keep the locknut and receiver plate away from the receiver to allow the tube to go into the receiver a sufficient amount to seat properly.

# BROWNELLS<sup>®</sup>

## M4

## STOCK

## ASSEMBLY

#080-000-941



READ & FOLLOW THESE  
INSTRUCTIONS

**BROWNELLS<sup>®</sup>**  
SELECTION. SERVICE. SATISFACTION.<sup>®</sup>  
200 S. Front St. Montezuma, IA 50171  
800-741-0015 or 641-623-4000 • [brownells.com](http://brownells.com)  
World's Largest Supplier of  
Firearms Accessories and Gunsmithing Tools.™

Screw the tube in until the forward end shows in the lower receiver and insert the spring and buffer retainer into the hole. Apply pressure to the top of the retainer and screw the tube into the receiver until the lower lip covers only the rear of the retainer hole and lip of the retainer. *Do not go further than required to contain the retainer or damage to the tube or retainer may result.*

Maintain the tube so the groove remains at the bottom and insert the takedown pin detent with the flat to the rear and then the takedown pin detent spring. Apply pressure to the rear of the spring and slide the receiver plate forward and against the rear of the spring.

Maintain pressure to the plate and turn the locknut until it is hand tight against the receiver plate.

Use a buttstock tool (080-000-291) to tighten the locknut to 30-35 foot-pounds of torque.

Reinstall the M4 sliding buttstock by pulling down on the rear of the adjustment lever and sliding the buttstock onto the rear of the tube. Release tension on the adjustment lever and make sure the buttstock is locked in place.

Insert the carbine length buffer spring and carbine buffer and make sure they are held in place by the retainer.

Reassemble the firearm according to the manufacturer's instructions. Check for proper functioning using **ACTION PROVING DUMMIES**. Make sure **ALL SAFETY MECHANISMS** are fully functional as designed and approved by the manufacturer. If these tests prove satisfactory, test-fire the firearm with live ammunition in a **SAFE** and **APPROPRIATE** manner. **IMPORTANT!** Start the live ammunition tests by first loading an **ACTION PROVING DUMMY**, then a live round, into the magazine. Only after several tests have been conducted in this manner should additional rounds be placed in the magazine and fired.