



Brownells M1/M14 Bolt Disassembly Tool is an updated variation of the military armorer's tool designed to help the gunsmith or shooter quickly and easily strip the bolt on M1 Garand, M1A/M14 rifles for replacement or inspection of the extractor, firing pin or ejector.



### 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

Disassemble the rifle to the point where the bolt can be removed. Remember to follow the appropriate instructions for the type of rifle being worked on. The aluminum body of the BOLT DISASSEMBLY TOOL is drilled with two #10 through holes at the rear of the tool. Included in the box is (1) blank #10 screw and the L-shaped pusher handle. The pusher handle is retained in the tool body and pivots on the blank #10 screw. The Pusher Handle is retained in the forward hole position for disassembling M1A/M14 bolts and retained in the rearward hole position for disassembling M1 Garand bolts.

To install the pusher handle into the body, align the pusher handle with the required hole location and insert the #10 blank screw completely through the tool body. The curved portion of the handle must be facing up when the undrilled end of the handle is touching the tool body in the depressed position.

To disassemble a bolt, lift the pusher handle and place the bolt into the tool body with the ejector pin touching the head of the 4-40 cap screw in the blued steel plate located at the end of the tool body. Squeeze the pusher handle downward toward the tool body. Pressure from the pusher handle will cam the bolt forward and depress the ejector against the ejector spring's pressure. With the ejector fully depressed, push the tool down against a flat surface such as a workbench top so the extractor pin punch that protrudes from the tool's bottom will start the extractor from its recess in the bolt. Carefully lift the extractor from the bolt. **CAUTION: REMOVE THE EXTRACTOR SLOWLY. THE EXTRACTOR IS RETAINED UNDER SPRING PRESSURE.** Make sure the extractor spring and plunger do not go flying

# BROWNELLS<sup>®</sup>

## M1/M14

# BOLT

# DISASSEMBLY

# TOOL

#080-818-000



READ & FOLLOW THESE  
INSTRUCTIONS

## BROWNELLS

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off into space. Slowly relieve pressure against the handle. Allow the bolt to move back against the ejector's spring pressure. The extractor captures both the ejector and firing pin. Removing the extractor allows these parts to be removed from the bolt.

During reassembly of the bolt, be sure the firing pin, ejector and ejector spring are in the bolt body before placing the bolt into the tool. Depressing the handle again forces the ejector into the bolt and allows the extractor to be placed into its recess. Don't forget to replace the extractor spring and plunger before reinstalling the extractor. 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.