



The Upper Receiver Assembly of the M16 rifle is secured to the Lower Receiver by a Take Down Pin at the rear of the Receiver and by a Pivot Pin located at the extreme forward end of the Receiver. The Pivot Pin is secured in the Lower Receiver by a spring-loaded detent. This detent is enclosed in a blind slot milled into the side of the Pivot Pin. The Brownells M16 Pivot Pin Detent Depressor is designed to aid in the removal of the Pivot Pin and to make this quicker and easier with minimal risk of loss or damage to any parts.



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

Following the manufacturer's recommended procedure, disassemble the rifle to the point required. Normally, removal of the Pivot Pin will be done after the Upper Receiver has been removed from the Lower Receiver. Secure the Lower Receiver in a padded vise so you have unrestricted access to the right side of the Lower Receiver. Using either finger pressure or a suitable punch, push the Pivot Pin to the right until approximately two thirds of its length is outside the receiver. The short arm of the Pivot Pin Detent Depressor is inserted into the milled slot of the Pivot Pin with the tapered point contacting the Detent. The tool is pressed to the left, into the Receiver, with moderate pressure. This short, tapered arm of the Tool will ride over and depress the Pivot Pin Detent. Rotate the Pivot Pin 90°, clearing the milled slot from the Detent. Remove the Pivot Pin Detent Depressor and place a finger over the opening of the Detent housing. Finish removing the Pivot Pin from the receiver, taking care NOT to lose the spring-loaded Detent.

Reassembling the Pivot Pin and the Pivot Pin Detent is extremely difficult unless you use another Brownell tool; the Brownells Pivot Pin Detent Installation Tool (#080-216-011). Complete instructions for the reinstallation process are included with the tool.

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.

BROWNELLS®

M16 PIVOT PIN DETENT DEPRESSOR

#080-216-010



READ & FOLLOW THESE
INSTRUCTIONS

BROWNELLS®

SELECTION. SERVICE. SATISFACTION.®
200 S. Front St. Montezuma, IA 50171
800-741-0015 or 641-623-4000 • www.brownells.com
World's Largest Supplier of
Firearms Accessories and Gunsmithing Tools.™