



Brownells Ruger Mainspring Pusher is used to compress the mainspring and detent ball on Ruger Mk I and Mk II Auto pistols to remove the housing latch lever, retaining pin and mainspring. This is necessary when rebluing the gun or replacing the mainspring when tuning the action.



### 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.

**EYE PROTECTION WARNING:** Eye protection (safety glasses with side shields, full face shield, etc.) is **REQUIRED** when using any hammer and punch.

## HOW TO USE

### DISASSEMBLY

**CAUTION:** The mainspring exerts considerable pressure on the detent ball and the mainspring latch lever. You **MUST** control the push rod and the mainspring housing components to prevent parts from escaping under spring pressure.

Clamp the tool body in a sturdy bench vise. Follow the manufacturer's instructions. Remove the mainspring housing assembly from the pistol. Leave the housing latch in the "open" position. Place the mainspring housing assembly in the tool body so the housing latch retaining pin is directly above the small hole in the tool body. Use the slotted push rod to depress the mainspring far enough to relieve pressure on the latch pin. Maintain pressure against the mainspring and use a hammer and punch to drive the housing latch retaining pin into the hole in the tool body.

Hold pressure on the mainspring and remove the housing latch lever then slowly release pressure on the mainspring. Note: The mainspring is long enough to protrude into the push rod hole; take care not to lose the detent ball.

### REASSEMBLY

Clamp the tool body in a sturdy bench vise. Replace the mainspring and plunger in the mainspring housing. Place the mainspring housing in the tool body. Insert the mainspring detent ball into the push rod hole in the tool body and use the push rod to push the detent ball and mainspring into the mainspring housing. Hold pressure on the push rod and slide the housing latch lever through the slot in the push rod until its hole aligns with the retaining pin hole. Insert the retaining pin. Seat the retaining pin flush with the housing. Carefully release mainspring pressure and remove the mainspring housing assembly from the tool body.

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

## RUGER Mk I & Mk II MAINSRING PUSHER

#080-933-000



READ & FOLLOW THESE  
**INSTRUCTIONS**

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200 S. Front St. Montezuma, IA 50171  
800-741-0015 or 641-623-4000 • [www.brownells.com](http://www.brownells.com)