



Brownells Squib Rods are designed to enable the gunsmith, armorer or gun owner to remove stuck bullets from handgun barrels with a minimal chance of further damage to the barrel. In most instances, the removal of a bullet from a handgun barrel is a relatively simple matter. Proper procedures must be used to minimize damage to the bore and reduce the possibility of personal injury while removing the bullet.



### 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.

**WARNING:** This product contains a chemical known to the State of California to cause cancer, birth defects and other reproductive harm.

**REVOLVERS:** If the cylinder cannot be opened or removed from the frame, remove the grips, the mainspring and, if possible, the hammer, to deactivate the revolver firing mechanism.

If the cylinder can be opened, it will greatly simplify the removal of the stuck bullet. Remove the cylinder and grips; securely clamp the frame in a padded vise with the barrel pointing toward the ceiling.

**PISTOLS:** There are three general types of semi-auto pistols in use; pistols that have:

- 1.) Barrels not fixed to the frame and a slide fully, or mostly, covering the barrel. (1911 Auto, Beretta 92 type);
- 2.) Fixed barrels and slides covering the barrel (Walther PP type);
- 3.) Breech bolts behind the barrel and no separate slide (Luger, Desert Eagle, original Auto Mag).

**CAUTION: BEFORE PROCEEDING, REMOVE THE MAGAZINE AND CLEAR THE CHAMBER!** If the slide cannot be opened, THE CHAMBER MAY BE LOADED! Take whatever steps are necessary to make sure the chamber is empty! **KEEP THE MUZZLE POINTED IN A SAFE DIRECTION WHILE CLEARING THE CHAMBER!**

**1911 Auto pistols.** Remove the slide from the frame, and the barrel from the slide. If the slide is jammed back part way, and cannot be fully closed, the barrel may be bulged. It may be necessary to essentially destroy the barrel in order to remove it from the slide. Clamp the barrel in a padded bench vise with the muzzle pointing toward the ceiling.

**Fixed barrel pistols** (Walther PP type). Remove the grips and slide, and clamp the frame in a padded bench vise with the muzzle of the barrel pointing toward the ceiling. If the slide is jammed, it may mean that the barrel is bulged and will have to be destroyed to remove the slide from the frame.

**Breech bolt type pistols.** Follow the manufacturer's instructions to strip the bolt from the pistol. Disassemble as far as necessary to clamp the barrel in a padded bench vise with the muzzle facing the ceiling.

### HOW TO USE

Apply a strip of masking tape along one side of the barrel. Insert the Squib Rod into the barrel from the muzzle until it contacts the nose of the bullet. Note how far into the barrel the Squib Rod extends and mark the Squib Rod at the muzzle. Remove the Squib Rod and mark the location of the bullet nose on the masking tape. If working on a revolver, and the cylinder has been removed, use a stiff piece of wire or small wood dowel to repeat the procedure from the breech end of the barrel, and make a corresponding mark on the masking tape. When working on a pistol, use the Squib Rod to mark the tape on the barrel from the chamber end. By doing this you will know exactly where the bullet is, and whether or not there is more than one bullet present! It is not at all uncommon to find that there is more than one bullet lodged in the barrel.

**CAUTION: ALWAYS WEAR SAFETY GLASSES TO PROTECT YOUR EYES!** ALWAYS position yourself so you do not place your hands or any part of your body in front of the muzzle. Place the Squib Rod into the bore with its end in contact with the bullet nose. Use a brass hammer to drive the bullet

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# BROWNELLS<sup>®</sup> SQUIB RODS

READ & FOLLOW THESE  
**INSTRUCTIONS**

## BROWNELLS<sup>®</sup>

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from the barrel. Strike the Squib Rod with moderate force and be extremely careful you do not bend the shank of the Squib Rod. In most instances, the bullet will move through the bore with only a minimal amount of pressure from the hammer and Squib Rod.

If there is more than one bullet in the barrel, the procedure to remove them may have to be altered. First, CAREFULLY attempt to move the bullets by using the Squib Rod and a brass hammer. If more than one bullet is in the bore, the barrel may have bulged and the second or subsequent bullets may have expanded into the bulge(s). Additional force will be required to drive these bullets out of the barrel since they must be swaged back down as they enter the undamaged portion of the bore.

If you can feel or see a bulge on the exterior of the barrel, the barrel is most likely ruined. In most cases it will be more cost effective to replace the barrel rather than attempt to remove the stuck bullets.

When multiple bullets are present in the bore, unburned powder may be present between the bullets. Because of this, we DO NOT recommend the use of heat in any form to remove, or aid in the removal of, stuck bullets.

After removing the stuck bullet, check the bore carefully for any remaining obstructions or parts of the bullet such as the jacket. If the bore is clear, clean it thoroughly.

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.