



Brownells Mainspring Compressor is used to remove or install coil mainsprings on a variety of revolvers plus the Ruger No. 1 and No. 3 rifles. It allows controlled compression of the mainspring for removing or installing the "capture pin" that holds the mainspring and seat on the strut.



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

Brownells Mainspring Compressor can be used with the following guns:

All Ruger Blackhawk Single Action revolvers including, Vaquero, Bisley, Bearcat and Single Six. Ruger Old Army; All Ruger Double Action revolvers; Ruger No. 1 and No. 3 single shot rifles; Smith & Wesson J-frame revolvers; Colt Trooper MK-III, MK-V, King Cobra, Anaconda; H&R coil mainspring revolvers; Taurus revolvers.

Caution: The mainspring is under considerable tension. You must retain control of the mainspring to prevent parts escaping under pressure. Always wear safety glasses when working with compressed springs.

Removing The Mainspring

Follow the manufacturer's instructions and disassemble the gun to the point where the mainspring assembly can be removed. Use an appropriate pin or small punch to capture the mainspring and mainspring seat on the strut; remove assembly from gun.

Clamp the Mainspring Compressor in a bench vise or lay the tool on a sturdy bench or table top and hook the bottom shoulder of the tool against the edge of the bench top. Place the mainspring assembly into the notched end of the tool so the mainspring seat is resting against the tool and the strut and capture pin are protruding through the notch. Use the push handle to compress the mainspring until the capture pin can be removed.

Slowly and Carefully release the pressure against the spring until the spring is fully extended. The mainspring, strut and seat may now be removed from the Mainspring Compressor tool.

Installing The Mainspring

To re-install the mainspring on the strut, place the spring on the strut and hold the mainspring seat against the opening in the tool body. Use one hand to align the mainspring, strut and mainspring seat. Use the push-handle to compress the mainspring until the strut protrudes through the mainspring seat. Insert the capture pin into the hole in the strut. Make sure the capture pin protrudes through both sides of the strut.

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.

BROWNELLS® MAINSRING COMPRESSOR

#080-927-000



READ & FOLLOW THESE
INSTRUCTIONS

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