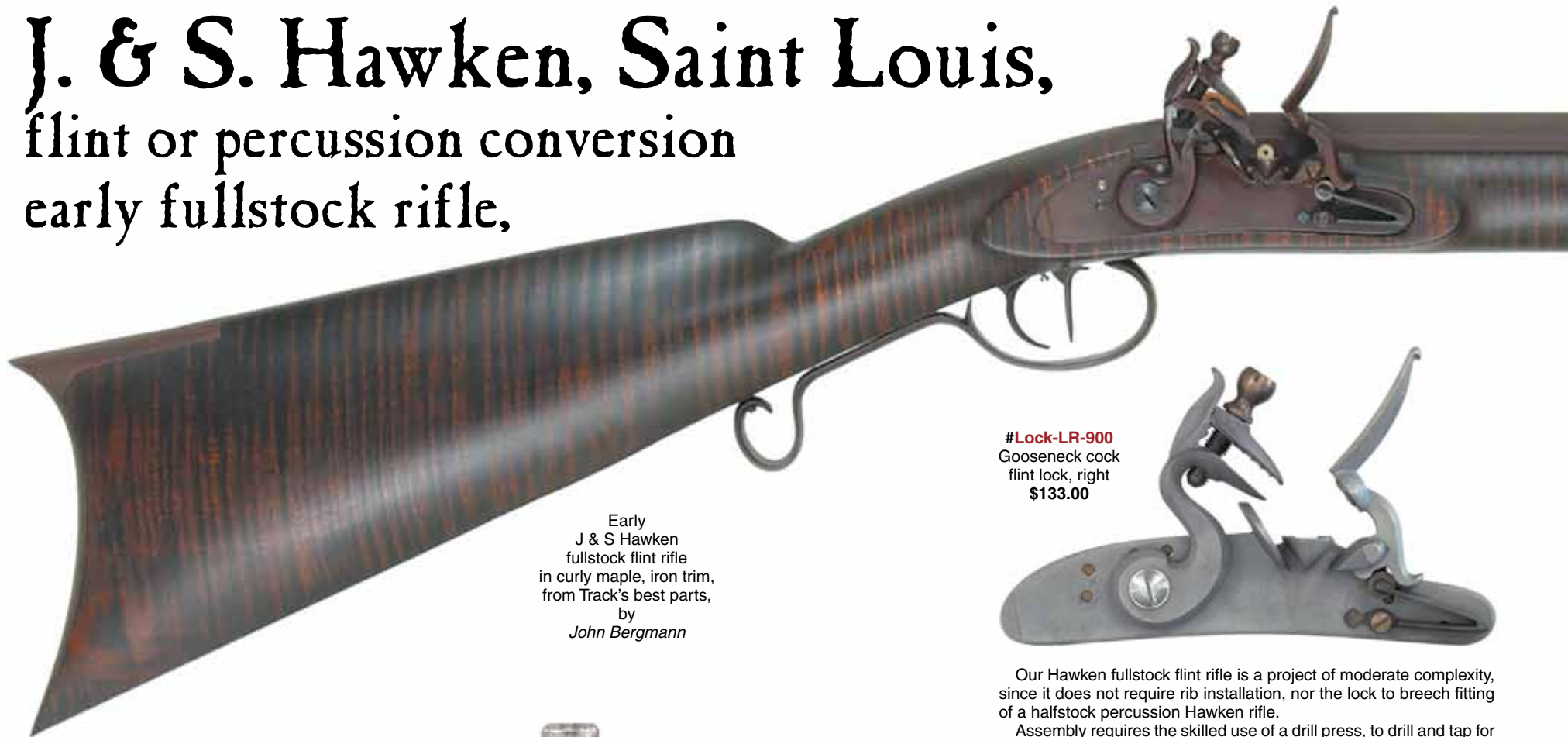


# J. & S. Hawken, Saint Louis, flint or percussion conversion early fullstock rifle,



Early  
J & S Hawken  
fullstock flint rifle  
in curly maple, iron trim,  
from Track's best parts,  
by  
John Bergmann

#Lock-LR-900  
Gooseneck cock  
flint lock, right  
\$133.00



## Gunsmithing Tools to install staples for keys, pins, or swivels:

Underlug staples are authentic, stronger, easier to install, and they remove less metal than dovetail lugs. Not suitable for thin walled barrels. Staples work well for keys, pins, or supporting a sling swivel.

## Double punch, fo underlug staples:

Align our double punch with a centerline drawn on the bottom flat of your octagon barrel. Strike it with your hammer, to prick punch the exact spacing for our staples.

Place your key or pin in the upright staple. Measure the staple leg distance extending above your key or pin. Drill your holes exactly that deep. Select a drill bit to match the staple foot diameter (about 7/64"). Use a drill press with a quill stop set to avoid drilling too deep. Hole depth determines key slot thickness.

#Tool-105-P double punch only \$7.99



## Staking tool, for securely staking staples, permanently:

Insert one end of our staple into your hole, and seat it with a light hammer blow. Place the semicircular slotted end of this tool around the staple's seated end. Strike it with firm blows, to stake the staple permanently in place. Seat the opposite end, and stake it. Malleable staples allow bending. Stake one end securely, before attempting to seat the other end. Straighten staple only after staking both ends.

#Tool-105-S staking tool only \$7.99

Our Hawken fullstock flint rifle is a project of moderate complexity, since it does not require rib installation, nor the lock to breech fitting of a halfstock percussion Hawken rifle.

Assembly requires the skilled use of a drill press, to drill and tap for the lock bolt, tang bolts, and other screws. If this is your first gun building project, you will need some experience with tools, or the guidance of an experienced gun builder. A mentor is a valued friend.

Due to the wide variety of possible combinations, no step-by-step assembly manuals exist for these American made gun parts kits. We offer a full scale plan drawing of the Hawken rifle.

We recommend the instruction book: *Art of Building the Pennsylvania Longrifle*. Our favorite gun building book is *Recreating the American Longrifle*. The older book *Modern Kentucky Rifle* has informative photos showing hand inletting technique, step-by-step, to guide the hand of the novice gun maker.

One secret to success with a pre-inlet stock, is to pencil centerlines on the stock, and check all part placements against your marks. It is often necessary to favor one side of the mortise, when shaving and scraping the last tiny amount of wood. Your goal is both a tight fit, and the proper placement of the part.

Machine inlets are a tiny bit undersize, to allow final fitting by hand. Be careful when enlarging the ends of the trigger mortise. It is very easy to overcut slots in curved surfaces. Other cuts, such as our barrel channel, are machine inlet to true size, for an easy correct fit.