

BUILDING A MUZZLE-LOADING GUN HAS PROVEN TO BE AN EXTREMELY POPULAR AND FASCINATING PASTIME. THE BASIC ELEMENTS ARE HERE TO COMPLETE A TRULY FINE DISPLAY OR SHOOTING PIECE AND WITH MOST OF THE DIFFICULT WORK DONE.

## PREPARATION

In order to become familiar with the assembly read instructions before starting. Unpack contents of kit and inspect parts using exploded view drawing and assembly parts list. At this time remove any burrs from the parts and polish to your liking.

A GRIP, LEFT HAND-13 Using GRIP SCREW-12, attach unfinished grip to FRAME-1 and carefully scribe a line on grip around outside contour of frame. Remove grip screw and grip. Using a sanding belt, file or sandpaper attached to a block, shape outside edge of grip to match outside contour of frame. Remove all extra wood until grip has a rounded contour as shown in the drawing. Assemble grip to frame to be sure fit is proper. Again remove and finish with the grain of the wood until a very smooth surface is obtained. Repeat this procedure for GRIP, RIGHT HAND-14. You are now ready to apply a finish of your choice, perhaps linseed or Birchwood Casey Tru-Oil--stain unnecessary. Put grip aside to dry and proceed to complete the rest of SNAKE EYES.

## ASSEMBLY PROCEDURE

In the following procedure use the exploded view drawing for reference.

C NIPPLE-10 Screw the two nipples into FRAME-1 and tighten.

D TRIGGER-2 Hold FRAME-1 by the barrels with your left hand. Place trigger in square slot at bottom of frame and align holes. Insert TRIGGER PIN-8 into trigger pin hole thru right side of frame and partially thru trigger. Holding trigger pin in place with a linger from your left hand insert SEAR-3, with the top pointed toward the barrels, into cutdut in side of frame. Place sear in line with the angled slot at left side of cutout. Push sear toward the barrels until bottom of sear falls into square slot at bottom of frame. Align holes and push trigger pin thru sear and left side of frame.

E TRIGGER SPRING 7 Place trigger spring in upright position as shown and insert, from the left side, into rectangular slot in side of FRAME-1. Using a small screwdriver, depress the two tabs one at a F HAMMER-4 Put FRAME-1 in an upright position on bench. Place first hammer in right hand rectangular slot at top of frame and align holes. Insert HAMMER PIN-9 into hammer pin hole thru right side of frame and thru hammer. Place second hammer in the other slot and align holes again. Push hammer pin thru second hammer and thru left side of frame.

G HAMMER SPRING-6. Again put FIRAME-1 in an upright position on bench. Hold first hammer spring at U-shaped end with small pliers. Place end of long leg under hammer inside cutout and short leg on notch at bottom of cutout, Press down on spring until it slides into slot at back of cutout. Push spring approximately 1/16 below surface of handle. Repeat this procedure for second hammer spring. AVOID DRY FIRING of hammers as it will damage the nipples and cause misfiring.

H TRIGGER GUARD-5 Using TRIGGER GUARD SCREW-11 attach trigger guard to

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Firing Instructions

- 1) WILL NOT FIRE CARTRIDGE BULLETS. DO NOT USE SMOKE-LESS POWDER.
- NOTE: Follow safety procedures at all times when loading and firing any firearm . . . shooting glasses also recommended.
- 3) Use No. 11 percussion cap, recommended load 12 grains grade FFFG black powder only into barrel with recommended 350 caliber solid lead roundball and .015 oiled patch.
- 4) Gently tap powder down barrel. Place oiled patch around ball, and holding ramrod between fingers (not into palm of hand) push ball down first barrel FIRMLY SEATING IT AGAINST POWDER. DO NOT LEAVE AIR SPACE BETWEEN BALL AND POWDER AS DANGEROUS COMBUSTION MAY RESULT. Load second barrel in the same manner.
- 5) The right hammer will fire first. Cock both hammers and place percussion cap which ignites powder on right nipple. Before placing cap on <u>left</u> nipple, squeeze cap rim with fingers so cap will have tight fit when right hammer is fired.
- 6) You are now ready to aim and fire. To maintain & preserve your firing piece, and prevent corrosion & fouling from black powder residue, thoroughly clean with suitable cleaning solvents after each use. Hoppes 9\* or similar lubricant may be used for oiling patches as well as later cleaning your firearm.

## CAUTION

NEVER FIRE A MUZZLE-LOADING FIREARM UNLESS THE BALL OR MINIEBALL IS FIRMLY SEATED AGAINST THE POWDER CHARGE

Do not overload the bbl with excessive amounts of black powder. The best velocity creating the lowest, cafest pressures will be obtained using recommended charges of black powder. Increasing the pressures in the barrel will not increase accuracy. Unreasonably heavy charges of black powder can be dangerous.