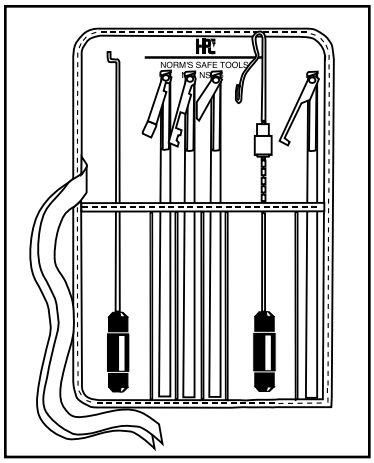
Instructions

Safe Opening Tools



No. NST-6

No. NST-6 Safe Opening Tools designed by Norm Schamp. Designed for use after burglary has been attempted. Each tool has a specific function- to deactivate the relocking mechanism or to draw the bolt back by grasping the fence.

A. LaGard 1800

1. Insert NST-D through spindle hole. See Fig. 1. Entry is faster and safer when the end is held by hand toward the main body. After sufficiently entered, the tip of the tool will return to the form that it had originally. Next gently pull the handle outward which moves the tip toward the first wheel. By tapping the wheel with the tip of the tool, while at the same time rotating slowly, you are beginning to search for the gate on the wheel. Keep in mind that there are a couple of obstacles in your way- the change key hole and the balance holes. See Fig. 2. Either of these may appear to be the elusive gate; however, they can be avoided by using the depth gauge. The depth gauge is located on the main body and slides all of the way to the lock face. Before using the gauge to find the gate, make sure that the tip of the tool is resting on the flat surface of the first wheel. When you begin to tap against the first wheel watch the depth gauge. If it advances less than one position, that means you've found one of the holes. Push it back out of the hole and continue on The gate will read at one full position. Since there is only about 90 percent of each wheel exposed at any given time, the gate may not be accessible for the tool. To overcome this situation use one of the holes to your best advantage. Deliberately turn the wheel somewhere between 90 and 180 degrees. Repeat the process. When the wheels are aligned, turn counterclockwise until the tool stops. See Fig. 3. Push the tool out and the lever will drop into the gates. The mark on the handle indicates location of the end of the tool.

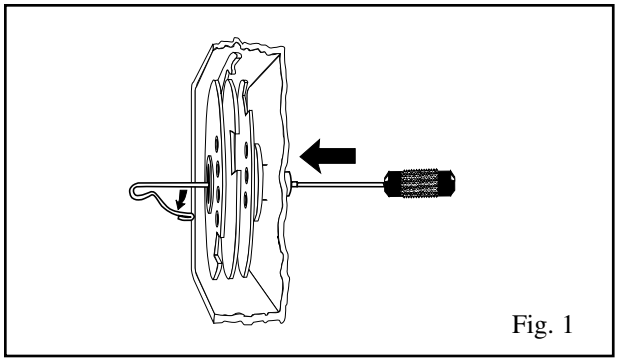


Fig. 1

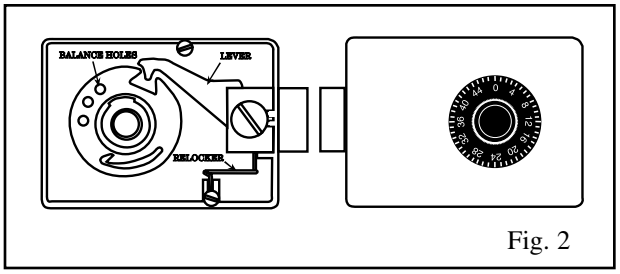


Fig. 2

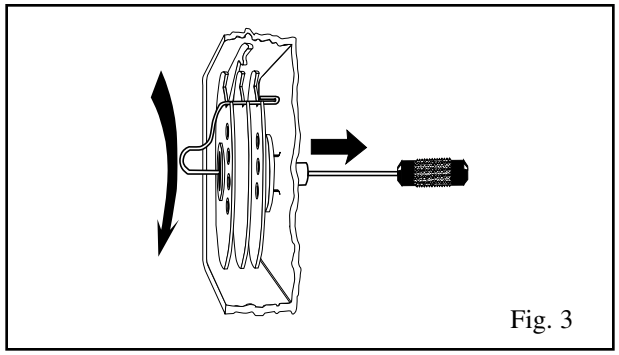


Fig. 3

(continued)

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A. LaGard 1800 (continued)

2. Use NST-A for the relocker. Make sure that the hinge moves freely. Insert the tool through the spindle hole so that the tip is facing downward. See Fig. 4. The tool fits right over the relocking wire. Turn the tool clockwise which will engage the lever and draw back the bolt.

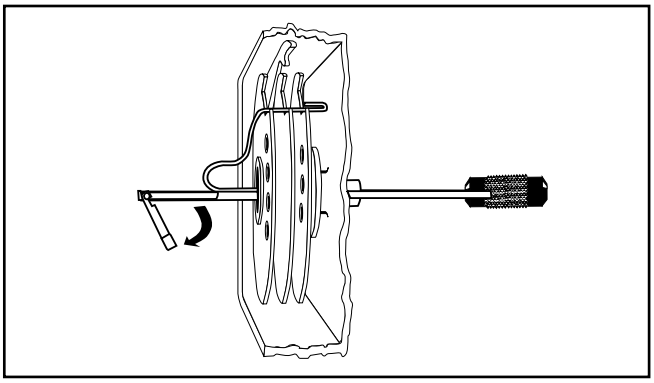

Fig. 4

B. Sargent & Greenleaf

For both styles of Sargent and Greenleaf. Alignment of wheel pack is the same as LaGard – use NST-D.

1. For the old style Sargent and Greenleaf safe locks, use NST-B to disengage the relocker. After making sure that the hinge moves freely, insert the tool through the spindle hole with the tip opening downward. Turn the tool about ten degrees so that the tip is in the eight o'clock position. The object here is to fit the sharp end of the tool between the relocking washer and the interior wall of the lock. The washer, which is held against the wall by a spring, can be worked out of the way by carefully pulling the tool outward. If you can't locate the washer, see if you can find the spring. It lies directly below the washer and is likely to feel similar to it. Once you have found the spring, turn the tool slightly higher to pick up the washer. See Fig. 5. 2. The new style Sargent and Greenleaf lock is the same as the previous model, although the relocker has been simplified. This proves to be considerably easier to service and open. After seeing that the hinges are operating smoothly, insert NST-C through the spindle hole so that the tip points down. All that has to be done here is to depress the bar which is in the six o'clock position- straight down. Simply pull it in to disengage the relocker. While holding relocker in, turn tool "D" counterclockwise to draw back the bolt. See Fig. 6.

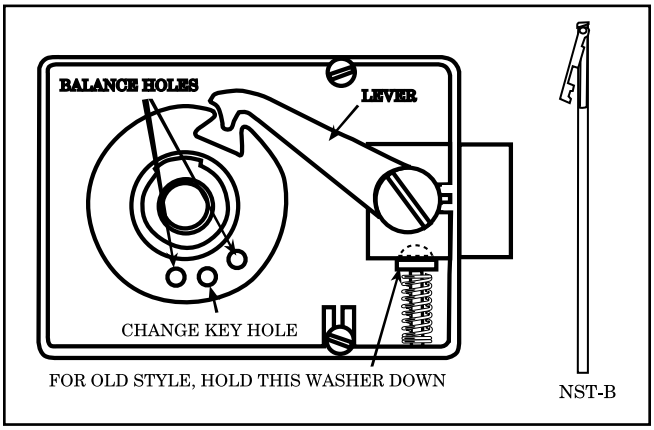

Fig. 5

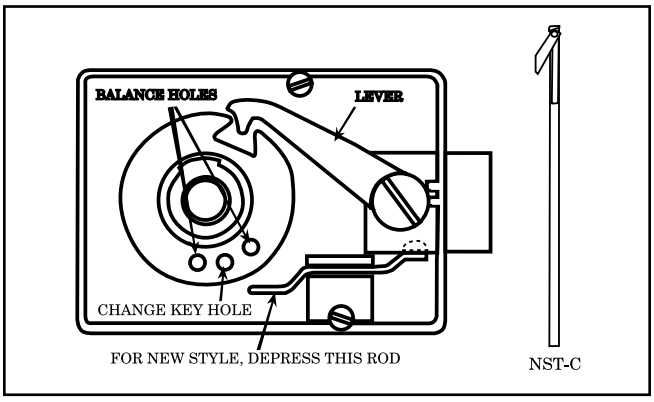

Fig. 6

(continued)

C. Mosler 302 / 402

1. For Mosler 302 and 402 series safe locks alignment of the wheel pack is not necessary, as the pack is fixed to the rear wall (which has been knocked off during the break-in attempt). The difference between the 302 and 402 is the total number of wheels- the 302 has (3) and 402 has (4). In either case the operation of these tools remains the same.

2. Due to the removal of the wheel pack, the lever will be facing almost straight down. The lever will have to be moved in order to gain access to the relocker. Insert NST-F into spindle hole and turn clockwise to lift the lever. While you are holding the lever up, insert NST-E through the same hole. This tool is a relocker. The tip will open once it has been fully inserted. At this point the tip will be pointing down, turn the tool so that the tip is at about the seven o'clock position, which is where the relocker is. Now lightly pulling the tool outward, should make finding where the relocker pin is located quite easy. Once the pin's location has been determined, pull the tool a bit harder to depress it. At this time, use the other tool (NST-F) further clockwise to draw back the bolt. See Fig. 7.

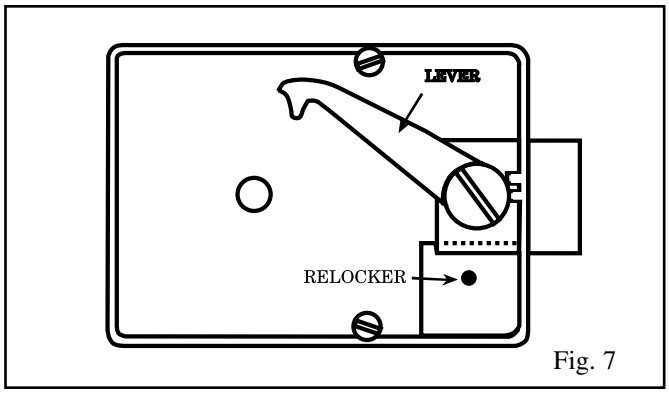

Fig. 7