



Lock access

First, insert the bag key, lift the handles, and you will see a small cut out in the handle depression pictured here, below the white dot. You will need something small with a flat surface on the end, I used a # 50 Drill, or .07" dia. to depress a spring loaded keeper (show in the next picture) and pull the lock out.



What the key does

There are 8 slots in the lock barrel. Wafers fit into these slots. Inserting the key pulls all the wafers inside the barrel as you see here, except the bottom one, which is always out and holds the lock barrel in the receiver. This is the one you must compress to extract the lock barrel.



key inserted

Another view of the same thing. Slot 7 is empty, not sure of its function. Again, you must depress the bottom wafer to remove the assembly.



w/wo key

When you remove the key the wafers pop out into a channel in the receiver and this keeps the lock barrel from turning. The wafers are inserted alternately.



Key to be fitted

Here is the lock with the ignition key that I want it to work with before changing the wafers. Looks like only keeper 1 and 5 are a proper fit. All the wafers above flush with the lock barrel keep it from turning in the receiver.



The Wafers

There are only 3 different wafers. They have slightly different dimensions. The tiny spring goes in the hole on the lock barrel and pushes against the protrusion on the wafer.



Re-arranged wafers

I managed to get the first 4 to fit with the new key, other slots are left empty of wafers and springs. I just removed all the wafers and tried them one at a time until i got a fit, then moved to the next one. I had 2 #3's left over, and needed a #1 and #2. This lock is still difficult to pick with only 4 wafers.



receiver on bag

This is the lock barrel receiver on the bag. Note the radial wedge like steps. This is to aid in the compression of the bottom, always out, wafer. Twist clockwise, then counter clockwise then you can push it down to its working position where it locks in.



Lock installation

You will have to compress the bottom wafer a little to get it started in the wedge steps. I used this machinist scribe. This tool has many uses, about \$3 when you can find one.

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Date: 03-Mar-2004  
13:39

Perfect!!!!!!!!!!!!

**From: Will Guyan (gmc@mcn.org)**

Date: 11-Aug-2003  
19:21

Very helpful and very professional as usual, Rod. Thanks for sharing your info and taking the time.  
Cheers,  
Will

**From: Les Geerdes (lgeerdes@inter-linc.net)**

Date: 24-Aug-2002  
01:16

Excellent photos and information. Very helpful. Thanks for your great documentation.

*click on thumbnails for full image*