

Q 248 → Q 257

Locksmithing
documents - Eri
S. Galt

Newark

10

LOCKSMITH LEDGER

Little Falls,
New Jersey 07424

Please enter my order for a subscription to the Locksmith Ledger for 12 issues (twelve issues) AND my copy of the new Padlock Handbook. I am enclosing my check in the amount of \$10 with the understanding that two dollars and fifty cents of this amount is applied to the Handbook and that it represents a 50% reduction in the price of that book.

FEB 29 1968

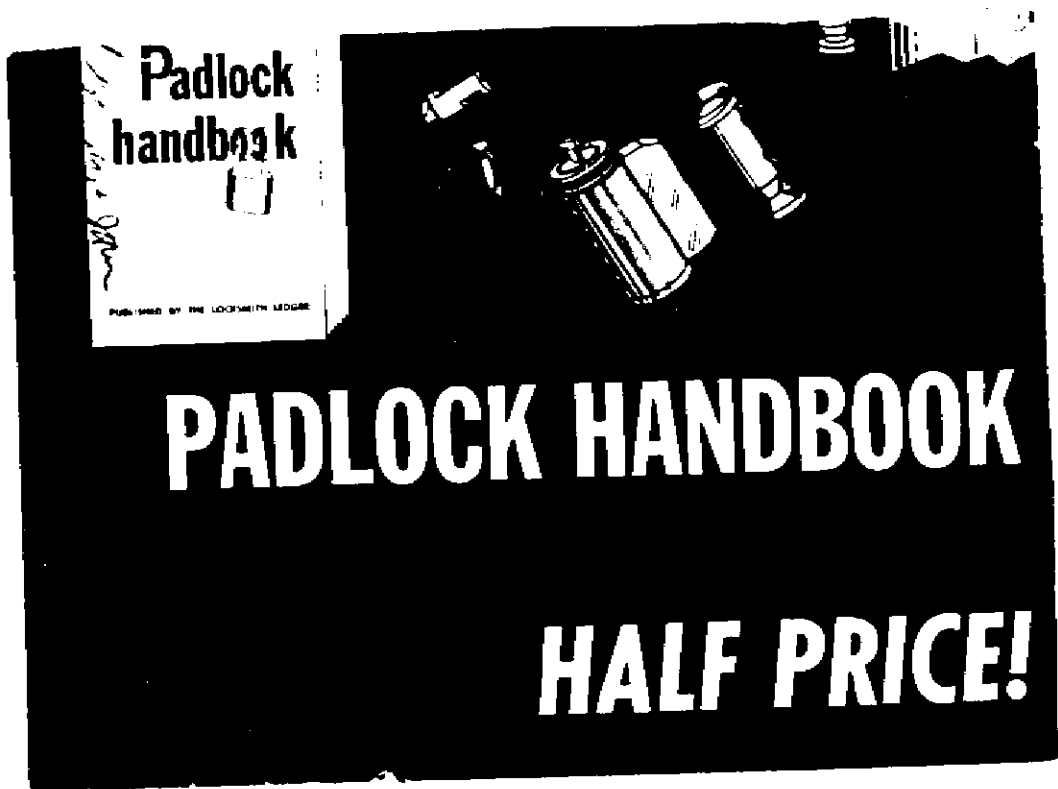
Imagine, you will not only receive all the trade news and technical information every month in the industry-acclaimed Locksmith Ledger, but you will also become the possessor of one of the most valuable reference books ever to come off the press in modern years! Don't pass it up!

OR →

Please send me the Padlock Handbook ONLY. I enclose my check for \$5.25, twenty-five cents of which is applied to postage and handling.

Name: ERIC S. GALT Student No 30-I-15189
Address: 1535-N-SERRANO, LOS ANGELES
City: LOS ANGELES State CALIF Zip Code 90027.

MAIL THIS COUPON WITH YOUR CHECK TODAY.



The advertisement features a book cover on the left and a price tag on the right. The book cover is white with the title "Padlock handbook" in a bold, sans-serif font. Below the title is a small illustration of a padlock. At the bottom of the cover, it says "PUBLISHED BY THE LOCKSMITHS' MESSRS". The price tag is black with white text. It features an illustration of three padlocks of different sizes and styles. The text on the tag reads "PADLOCK HANDBOOK" in large, bold, capital letters, and "HALF PRICE!" in slightly smaller, bold, capital letters below it.

Padlock handbook
PUBLISHED BY THE LOCKSMITHS' MESSRS

PADLOCK HANDBOOK
HALF PRICE!

Due to the nature
of this case no
evidence markings were
made on items submitted

4/19/68

SA Don H. Owens

LOCKSMITHING INSTITUTE
LITTLE FALLS, NEW JERSEY
07424

EXAMINATION
CERTIFICATE

HOMWORK ASSIGNMENT

STUDENT NUMBER	30-I-15189
NAME	ERIC S. GALT
STREET ADDRESS OR R.F.D. NO.	113-14th. STREET, N.E.
ATLANTA	STATE GEORGIA ZIP 30309

LESSON NO. 8

LESSON GRADE *BA*
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LESSON NO. 8 - Fitting Keys to Cylinders

REQUIRED:

1. Using one of the mailing bags supplied, submit the key you made for grading. DO NOT RETURN THE LOCK. It will be used for the next lesson.
2. Complete top portion of this form and send it to us in the brown envelope attached to the mailing bag.
3. If paying tuition in installments, remit one payment with this lesson. Detach and mail coupon 8 from your payment book.

Fold
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NOTE: If it is necessary to write to us about this lesson, enclose your letter with this assignment. Please do not write your comments on the examination certificate.

SEND THIS FORM IN THE MAIL BAG WITH YOUR COMPLETED LESSON

Locksmithing Institute, Little Falls, New Jersey

DATE

APR 1962

LESSON ACKNOWLEDGEMENT

Thank You!

... for your lesson and payment.

Tuition balance

\$ 159.⁵⁰

Next lesson and payment
due by

TO

404-15169
MR. ERIC S. GALT
113 14th ST. N.E.
ATLANTA, GA.

Lessons and payments may be sub-
mitted at any time prior to above
date.

*SAVE MONEY:— IF FULL BALANCE IS PAID AT ONE TIME, YOU MAY DEDUCT 10%.

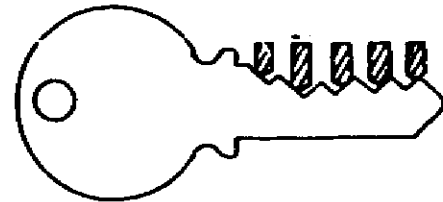
LESSON CORRECTION

Lesson No. 8

The successful completion of any key fitting assignment depends entirely upon directing your efforts and attention to spacing and shaping the key cuts to conform to manufacturing standards so that the key you fit will operate smoothly and dependably.

Let's review some of these important details and apply them to every key fitting assignment.

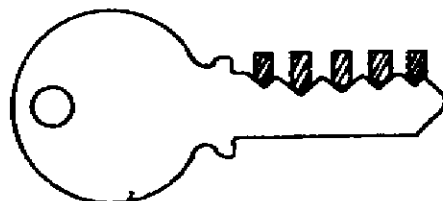
First of all the spacing of the cuts must be accurate so that the pins or discs will sit in the very bottom of the cuts. If the spacing is not accurate the tumblers will sit on the slopes of the cuts like this: This will cause you to file the cuts deeper than necessary and the pins will sit at different heights each time the key is inserted in the keyway.



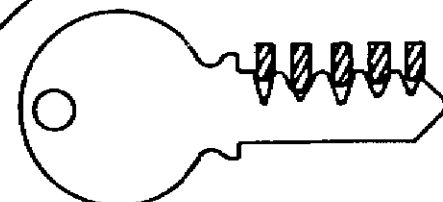
Assuming now that the cuts are spaced accurately, let's take a good look at the importance of the angle formed by the slopes of the cuts.

For general key cutting the standard angle formed by the slopes is 100 degrees. This angle provides enough room for the pins or discs to seat in the very bottom of the cut and presents a gentle slope for the pins to ride up on when the key is inserted and withdrawn. The angle also eliminates those high, steep points between cuts that appear when the angle is not correct.

NOTE: Use key gage supplied in Lesson #2 to help you maintain the correct angle as you file for depth.



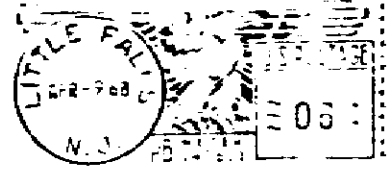
When the angle is not correct, or too steep, the pins hang between the slopes like this: Again the cuts will be deeper than necessary, weakening the key and preventing the pins or discs from meeting at the shear line each time the key is inserted in the plug. The very steep slope and high, sharp points between the cuts makes insertion and withdrawal of the key difficult and will cause excessive wear. Worst of all the pins or discs can get wedged in the cut, trapping the key in the plug.



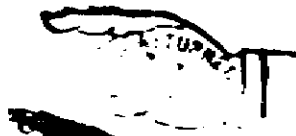
Students very often want to know about the shape of the bottom of the cut. The bottom of the cut can be rounded or flat. This provides a base for the pins or discs to rest on and a tolerance for minor deviations in spacing.

Walt Fiedeman
Walt Fiedeman
Chief Instructor

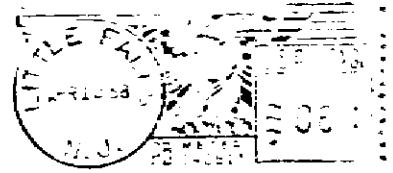
ADMINISTRATIVE OFFICES
1500 CARDINAL DRIVE
LITTLE FALLS, NEW JERSEY 07424



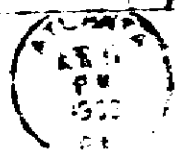
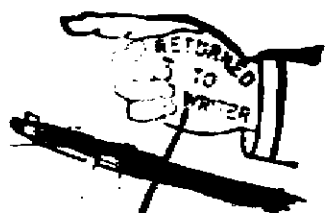
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ADMINISTRATIVE OFFICES
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LESSON CORRECTION

LOCKSMITHING INSTITUTE

Lesson No. 9

The pin tumbler cylinder that you set to the cut key is assembled well and operates correctly.

Now that the "mystery" of the pin tumbler cylinder has been revealed to you, I'm sure that you can handle any key fitting job of this nature that comes along. However, I don't want you to become over confident. It takes practice to build experience.

It also takes practice to gain speed in this type of work. I'd like to suggest that you visit your local junk yard and try to purchase several old cylinders so that you can experiment with them. This experience will be very helpful to you.

Moreover, you will be building up a stock of cylinders that you can use to make your own business or sideline more profitable. By having a few cylinders on hand, you will be able to make "exchanges" for your customers. In other words, if you have a cylinder just like your customer's, you can give him yours and take his in exchange. This will give him quicker service and will permit you to fit the keys to his cylinder in your leisure time.

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CITY	ATLANTA
STATE	GEORGIA
ZIP	30309

LESSON NO. **9**

LESSON GRADE **A**

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LESSON NO. 9 - Changing Combinations and Servicing the Shells

REQUIRED:

1. Using one of the mailing bags supplied for this purpose, submit the assembled cylinder and key for grading.
2. Complete top portion of this form. Place it in the brown envelope attached to the mailing bag.
3. If paying tuition in installments, detach coupon No. 9 from your payment book, attach your payment in the required amount and forward both with your lesson.

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NOTE: If it is necessary to write to us about this lesson, enclose your letter with this assignment. Please do not write your comments on the examination certificate.

SEND THIS FORM IN THE MAIL BAG WITH YOUR COMPLETED LESSON