

INSTRUCTIONS FOR CHANGING THE COMBINATION IN A NATIONAL VENDORS®, MERCHANDISER EQUIPPED WITH A FLEX-ACE®* LOCK

I. GENERAL INFORMATION

The Flex-ACE®* Lock Tumbler Combination includes: a Pre-loaded Coder which contains requested Lock Tumbler Combination, the proper Key for the new Lock Tumbler Combination, a Release Pin, a Loading Tool, and Installation Instructions.

The changing of a Flex-ACE®* Lock Tumbler Combination requires the use of the Release Pin and Loading Tool. Do not attempt to change a Lock Tumbler Combination without these items. If additional Release Pins, part number 222-2511, or Loading Tools, part number 222-2512 are required, they may be obtained by ordering them from the National Vendors Parts Department.

Before starting the actual work of changing the Lock Tumbler Combination, check to be sure the number on the new Key in the Kit matches the number of the Pre-loader Coder. Also, become familiar with all the steps for changing a Lock Tumbler Combination before proceeding.

National Vendors Merchandisers are equipped with either the Cylindrical Lock, see Figure A-III; the Flush Handle (T-Handle) Lock, see Figure B-I; or the Lift Handle Lock, see Figure C-VI.

Section II of these Instructions covers the actual steps which must be performed when changing the Lock Tumbler Combination in a National Vendors Merchandiser. Section II, Part A covers the Cylindrical Lock. Section II, Part B covers the Flush Handle (T-Handle) Lock. Section II, Part C covers the Lift Handle Lock.

These procedures must be carefully read and carefully followed to avoid unnecessary work. Use a check-off system to avoid skipping steps or important Notes when the work is performed.

*Flex-ACE® is a registered Trade Mark on the Chicago Lock Company.

II. INSTALLATION PROCEDURES

Read these instructions carefully and thoroughly before proceeding with the actual installation. Retain these instructions for part number and installation information.

A. To Install the New Flex-ACE® Lock Tumbler Combination in a Cylindrical Lock.

1. Check to be sure the new Key number matches the number on the Pre-loaded Coder.

2. Unlock the Cabinet Door with the original Key and leave the Key in the unlocked position.
3. Do not open the Compartment or Cabinet Door after unlocking the Lock if the Merchandiser is a:
 - a. Crown Seventy Two® Series 400-72.
 - b. Crown Seventy Two® Series or Golden Furniture Line FM-72.
 - c. Crown Line® or Cabaret Series 114, 114AP, 222, or 800 with a Cylindrical Lock.
 - d. Crown Line® Series CC or CP.
 - e. Crown Line® Candy or Pastry Cupboard.
4. Open the Cabinet Door on all other Merchandisers equipped with a Cylindrical Lock.
5. Remove the Lock Spring from the Lock Cam.
 - a. For the Crown Line® Topper see Figure A-I.
 - b. For the Crown Seventy Two®, Series or Golden Furniture Line, 21CE-72, 22M-72, CM-72, MM-72, PM-72, ECM-72, EPM-72, HCM-72, or HCM-72C Merchandiser see Figure A-II.
6. Insert the Release Pin, part number 222-2511, into the hole in the Cap, see Figure A-III.

NOTE

Compartment on the FRONT of the Crown Seventy Two® Series 400-72 Merchandiser is different from most Merchandisers equipped with a Cylindrical Lock, see Figure A-IV.

2. *The position of the Lock on the Monetary Compartment on the FRONT of the Crown Seventy Two® Series or Golden Furniture Line FM-72 Merchandiser is the same as most Merchandisers equipped with a Cylindrical Lock, see Figure A-V.*
3. *The position of the Lock on the REAR of the Crown Seventy Two® Series 400-72 and the Crown Seventy Two® Series or Golden Furniture Line FM-72 Merchandiser is different from most Merchandisers equipped with a Cylindrical Lock, see Figure A-VI.*

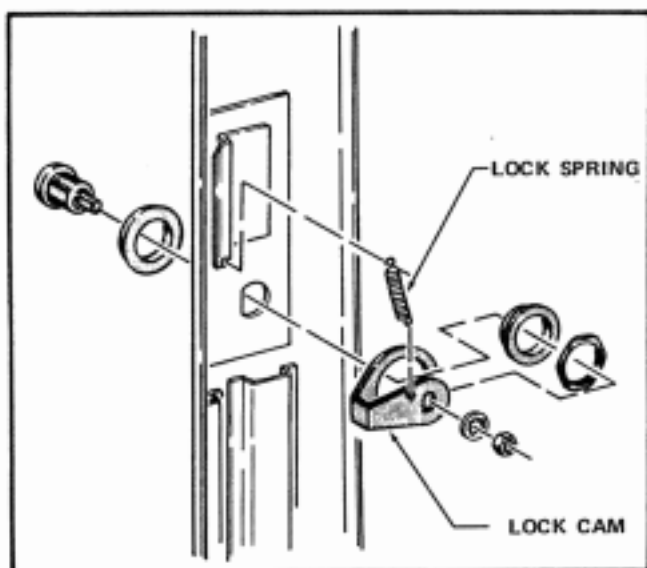


FIGURE A-I

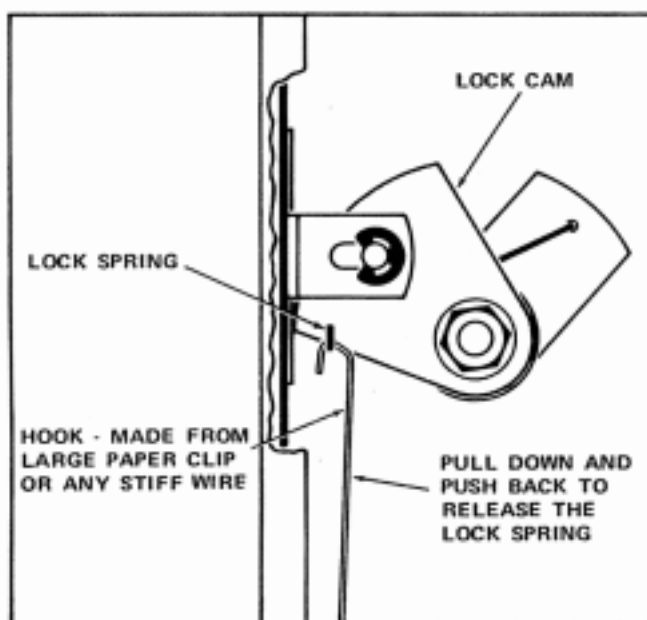


FIGURE A-II

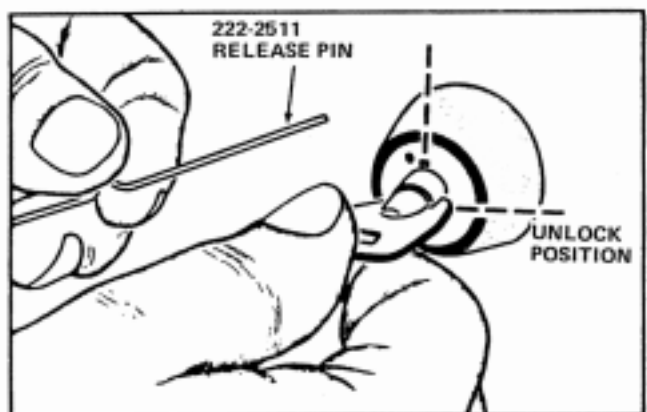


FIGURE A-III



FIGURE A-IV

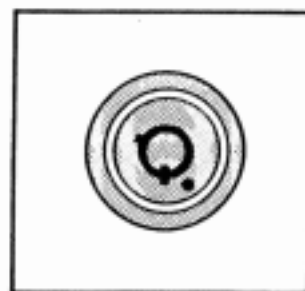


FIGURE A-V

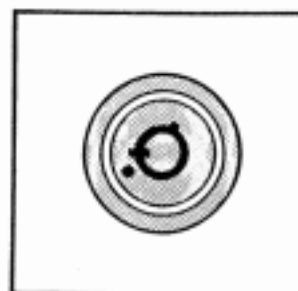


FIGURE A-VI

7. Press the Release Pin firmly into the Cap and while holding the Release Pin in the Cap, rotate the key past the unlock position, see Figure A-III, to the Cap release position, see Figure A-VII.

8. Remove the Release Pin and the key.

NOTE

If the Lock Tumbler Combination being changed is in Crown Seventy Two®, Series or Golden Furniture Line 21CE-72, 22M-72, CM-72, MM-72, PM-72, ECM-72, EPM-72, HCM-72 or HCM-72C Merchandiser or is a Crown Line®, Topper, and if the Lock snaps back when the Key is removed neither of the slots in the Key end of the Cap will align with the Lock center-post. The Cap cannot be removed as indicated in step A-9, nor will it be possible to insert the Key into the Lock.

This problem usually occurs in Merchandisers which have a Lock Spring, because the Lock Spring was not removed as indicated in step A-5.

If the Lock snaps back, follow these steps:

1. File the location projection off of the old Key, see Figure A-VIII.
2. Insert the modified Key into the Lock.
3. Repeat appropriate steps A-5 through A-8.
4. Proceed to step A-9.

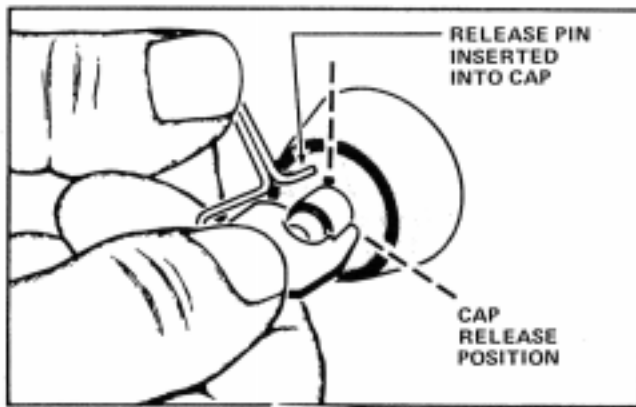


FIGURE A-VII

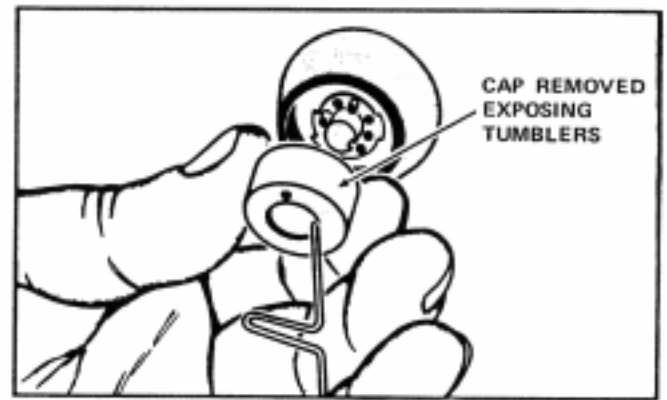


FIGURE A-IX

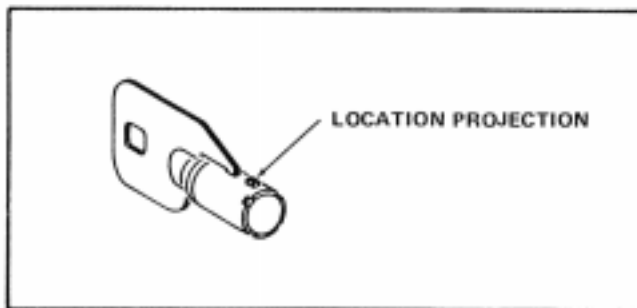


FIGURE A-VIII

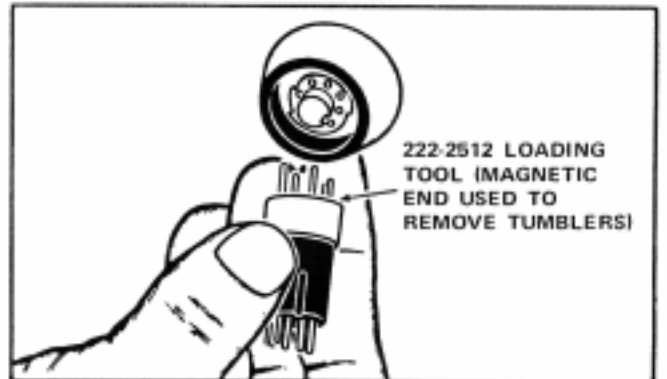


FIGURE A-X

9. Use the hooked end of the Release Pin to remove the Cap, see Figure A-IX.
10. Insert the Magnetic end of the Loading Tool, part number 222-2512, all the way into the Lock.
11. Remove the Tool from the Lock. The tumblers will come out with the Tool, see Figure A-X.
12. Check the Lock. Be sure all seven (7) tumblers came out of the Lock.
13. Insert the new Pre-loaded Coder into the Lock. The Coder contains seven (7) tumblers and is keyed to fit into the Lock in only one position, see Figure A-XI.
14. Insert the prong end of the Loading Tool into the Coder and press in firmly, see Figure A-XII.
15. Remove the empty Coder and Loading Tool, as one piece. Be sure all seven (7) tumblers are in place in the Lock after the Coder and Tool are removed, see Figure A-XIII.

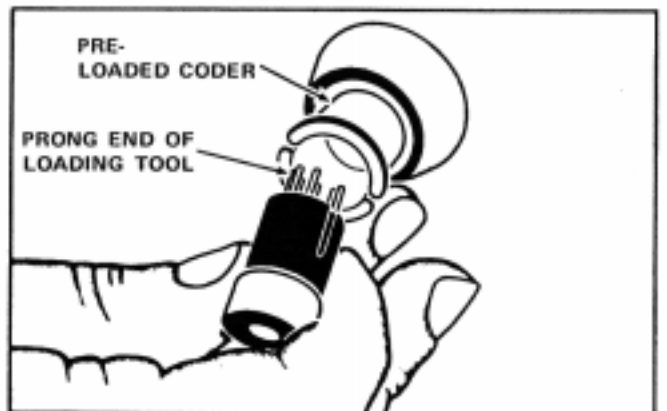


FIGURE A-XI

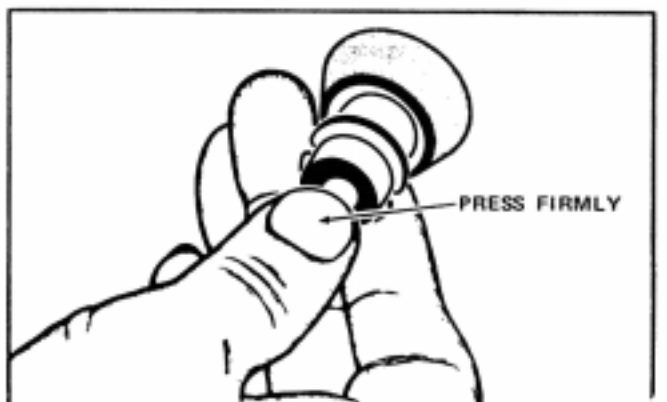


FIGURE A-XII

NOTE

If the Merchandiser is a Crown Seventy Two®, Series or Golden Furniture Line 21CE-72, 22M-72, CM-72, MM-72, PM-72, ECM-72, EPM-72, HCM-72, or HCM-72C do not close the Cabinet Door while performing step A-16.

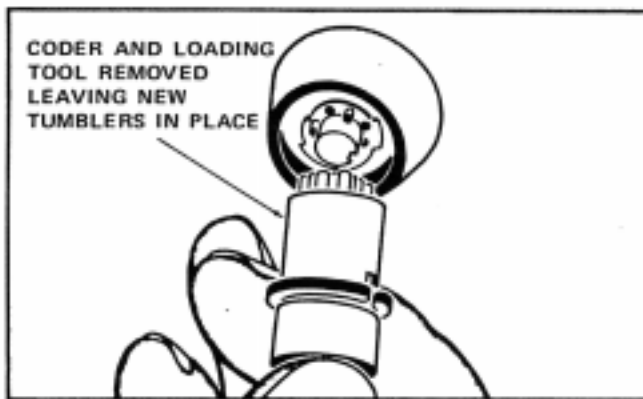


FIGURE A-XIII



FIGURE A-XIV

16. Install the Cap removed in step A-9. At the lock end of the Cap are two different size aligning projections. These projections allow the Cap to fit in only one position in the Lock.
17. Insert the new Key into the Lock. Press the Cap firmly into the Lock, and rotate the Key to the locked position (counterclockwise) while holding the Cap depressed, see Figure A-XIV.
18. If the Merchandiser is a Crown Seventy Two® Series or Golden Furniture Line 21CE-72, 22M-72, CM-72, MM-72, PM-72, ECM-72, ECM-72, HCM-72, or HCM-72C:

- a. Be sure the Lock is in the locked position.
- b. Form a large paper clip or piece of stiff wire into a hook.
- c. Insert the wire with the hook up behind the Lock Cam, see Figure A-XV.
- d. Hook the end of the Lock Spring with the wire.
- e. Pull the wire hook down and hook the Lock Spring over the Lock Cam.
- f. Unlock the Lock and close and lock the Cabinet Door.

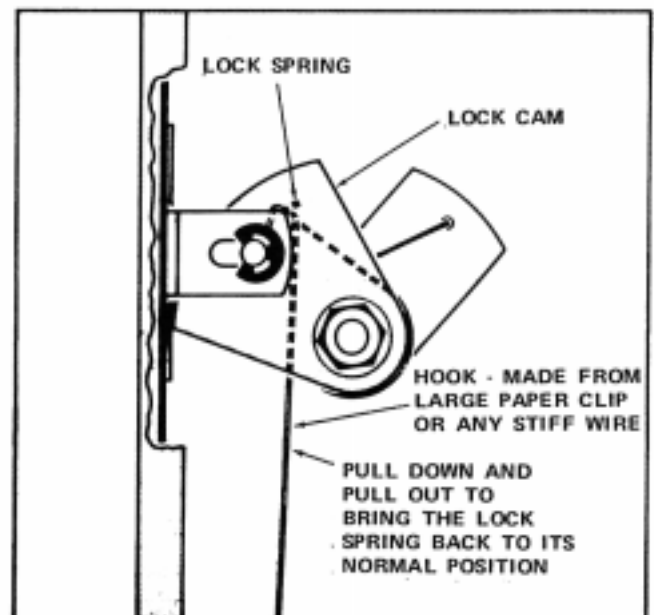


FIGURE A-XV

19. If the Merchandiser is a Crown Line® Topper:
 - a. Be sure the Lock is in the locked position.
 - b. Hook the Lock Spring into the Lock Cam, see Figure A-I.
 - c. Unlock the Lock and close and lock the Cabinet Door.
20. On all other Merchandisers, unlock the Lock and close and lock the Cabinet Door.

B. TO INSTALL THE NEW FLEX-ACE® LOCK TUMBLER COMBINATION IN A FLUSH HANDLE (T-HANDLE) LOCK

Read these instructions carefully and thoroughly before proceeding with the actual removal and replacement procedures. Retain the instructions for part number and replacement information.

1. Check to be sure the new key number matches the number on the Pre-loaded Coder.
2. Unlock the Cabinet Door with the original Key.
3. After unlocking the Lock, set the Flush Handle (T-Handle) Lock, in the position shown in Figure B-I.
4. Do not open the Cabinet Door after unlocking the Lock.
5. Insert the Release Pin, part number 222-2511, into the hole in the Cap, see Figure B-II.
6. Press the Release Pin firmly into the Cap and while holding the Pin in the Cap, rotate the Key past the unlock position to the Cap release position, see Figure B-III. Hold the Flush Handle (T-Handle) Lock in position shown in Figure B-1 while performing steps B-6 through B-14.
7. Remove the Release Pin and the Key.
8. Use the hooked end of the Release Pin to remove the Cap, see Figure B-IV.
9. Insert the Magnetic end of the Loading Tool, part number 222-2512, all the way into the Lock.
10. Remove the Loading Tool from the Lock. The tumblers will come out with the Tool, see Figure B-V.
11. Check the Lock. Be sure all seven (7) tumblers came out of the Lock.
12. Insert the new Pre-loaded Coder into the Lock. The Coder contains seven (7) tumblers and is keyed to fit into the Lock in only one position, see Figure B-VI.
13. Insert the prong end of the Loading Tool into the Coder and press in firmly, see Figure B-VII.
14. Remove the empty Coder and Loading Tool, as one piece. Be sure all seven (7) tumblers are in place in the Lock after the Coder and Tool are removed, see Figure B-VIII.
15. Hold the Flush Handle (T-Handle) Lock in the unlocked position and replace the Cap removed in step B-8. At the lock end of the Cap are two different size aligning projections. These projection allow the Cap to fit in only one position in the Lock, see Figure B-IX.
16. Insert the new Key into the Lock. Press the Cap firmly into the Lock, and rotate the Key to the locked position (counterclockwise) while holding the Cap depressed.
17. Press in on the Flush Handle (T-Handle) and lock the Cabinet.

FIGURE B-I



FIGURE B-II



FIGURE B-III



FIGURE B-IV



FIGURE B-V



FIGURE B-VI



FIGURE B-VII



FIGURE B-VIII



FIGURE B-IX



C. TO INSTALL THE NEW FLEX-ACE® LOCK TUMBLER COMBINATION IN A LIFT HANDLE LOCK

Read these instructions carefully and thoroughly before proceeding with actual removal and replacement procedures. Retain the instructions for part number and replacement information.

1. Check to be sure the new key number matches the number on the Pre-loaded Coder.
2. Unlock the Cabinet Door with the original Key.
3. Open the Cabinet Door.
4. Insert Release Pin, part number 222-2511, into the hole in the Cap. Press the Pin firmly into the Cam and while holding the Pin into the Cap, rotate the key past the unlock position to the cap release position, see Figure C-I and C-II.
5. Remove the Release Pin and the key.
6. Use the hooked end of the Release Pin to remove the Cap, see Figure C-III.
7. Insert the Magnetic end of the Loading Tool, part number 222-2512, all the way into the Lock.
8. Remove the Tool from the Lock. The tumblers will come out with the Tool, see Figure C-IV.
9. Check the Lock. Be sure all seven (7) tumblers came out of the Lock.
10. Insert the new Pre-loaded Coder into the Lock. The Coder contains seven (7) tumblers and is keyed to fit into the Lock in only one position, see Figure C-V.
11. Insert the prong end of the Loading Tool into the Coder and press in firmly, see Figure C-VI.
12. Remove the empty Coder and Loading Tool, as one piece. Be sure all seven (7) tumblers are in place in the Lock after the Coder and Tool are removed, see Figure C-VII.
13. Replace the Cap removed in step C-5. At the lock end of the Cap are two different size aligning projections. These projections allow the Cap to fit in only one position in the Lock.
14. Insert the new Key into the Lock. Press the Cap firmly into the Lock, and rotate the Key to the locked position (counterclockwise) while holding the Cap depressed, see Figure C-VIII.
15. Unlock the Lock.
16. Close and lock the Cabinet Door.

FIGURE C-I



FIGURE C-II



FIGURE C-III



FIGURE C-IV

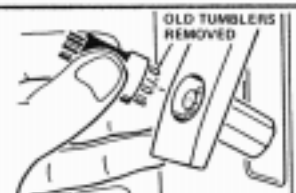


FIGURE C-V



FIGURE C-VI



FIGURE C-VII

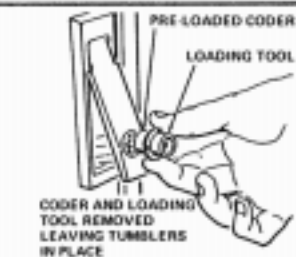


FIGURE C-VIII

