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OPERATING AND SERVICING INSTRUCTIONS FOR HIGH SECURITY PADLOCKS

Models 826-A, 826-D

Open Shackle with chain and plate

The open shackle cast body padlock is designed for use with conventional hasps where high shoulders are not practical. Two shackle options are available:

- 826-A $\frac{3}{8}$ " hardened, plated steel shackle;
1 $\frac{1}{2}$ " shackle opening (standard).
- 826-D $\frac{1}{2}$ " carbide reinforced steel shackle;
 $\frac{3}{4}$ " shackle opening (standard).

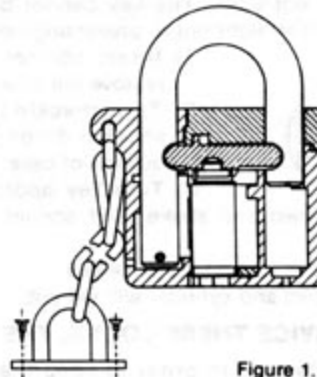


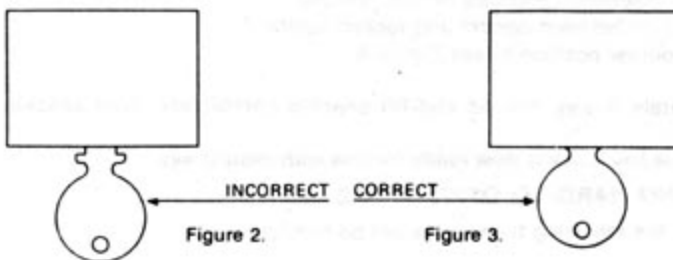
Figure 1.

OPERATING INSTRUCTIONS

1) Insert operator key.

NOTE: When opening these locks, be certain that the operator key is inserted completely into the lock before turning. Trying to turn the key before it is fully inserted may result in a broken or bent key. To prevent the key from cracking, bending or breaking, do not force the key by using pliers, vise-grips or any other mechanical means.

See figures 2, 3



If key does show signs of cracking, bending or breaking the key should be destroyed. If additional keys are not available the cylinder should be replaced.

NOTE: The key cannot be removed when the lock is in the unlocked position. When removing the key, pull it straight out to prevent bending.



Figure 4.

2) Turn key clockwise $\frac{1}{4}$ turn to unlocked position. See figure 4

3) Pull lock open.

NOTE: The shackle is not spring loaded.

4) To lock the lock, reverse steps 1-3.

Your new cast body padlocks are very simple in design, consisting of only five parts, and yet they offer more security than all other padlocks. Due to the high security of these locks, you should be familiar with the various parts and features before operating or servicing them.

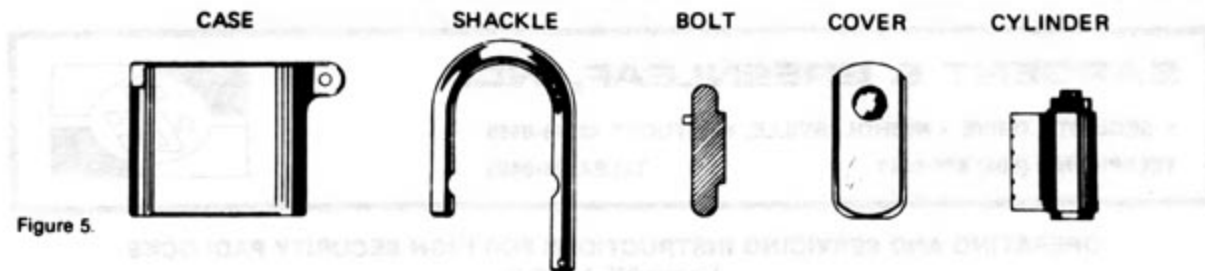


Figure 5.

TO DISASSEMBLE THE LOCK:

To service these locks or change cylinders, you must use the special control key. The regular key used for opening the lock will not work. The key cannot be removed when the lock is in the unlocked position. When removing the key, pull it straight out to preventing bending.



Figure 6.

- 1) Insert control key, turn $\frac{1}{4}$ turn counterclockwise, pull out shackle and remove the cover.
- 2) Turn shackle from the locked position approximately $\frac{1}{2}$ way around until shackle drops completely. Turn shackle clockwise until shackle touches outside of case. (See figure 6)
- 3) Turn key approximately $\frac{1}{8}$ of a turn between control and locked position.
- 4) Turn lock upside down and shake. Bolt should fall out. NOTE: You may need to flip bolt out with a screwdriver.
- 5) Turn key to locked position and remove key.
- 6) Turn lock upside down and cylinder will fall out.

TO SERVICE THESE LOCKS, THE FOLLOWING STEPS SHOULD BE TAKEN:

Maintenance Instructions — In order to keep the padlock in smooth working order, the padlock should be cleaned and lubricated at least every 6 months and sooner if padlock is used in dusty or sandy areas.

- 1) While disassembled, all parts should be brushed off with a stainless steel wire brush and wiped clean with a degreasing agent.
- 2) To lubricate, place a small amount of molybdenum disulfide grease on both ends of the bolt.

TO REASSEMBLE THE LOCK:

- 1) Insert cylinder fully into case.
- 2) Insert control key using one finger to apply slight downward pressure on the cylinder.
- 3) Turn key counterclockwise approximately $\frac{1}{8}$ of a turn between control and locked position.
- 4) Insert bolt making sure that the shackle is in the proper position as per Figure 6.
- 5) Turn key to control position slide on cover.
- 6) Turn shackle from locked position approximately $\frac{1}{2}$ way around and lift shackle completely. Turn shackle back to locked position and drop shackle in place.
- 7) Turn key clockwise to the locked position. Remove key. Lock is now ready for use with regular key.

TIPS FOR OPENING HARD-TO-OPEN LOCKS

Should you come across a lock that will not open, the following techniques will be helpful:

- 1) Be sure you have the right key.
- 2) If the keyway in the cylinder is plugged up with salt, flush the cylinder out with hot water.
- 3) If the keyway in the cylinder is plugged up with grease or oil, spray a degreaser up into the cylinder.
- 4) After the keyway is clear of obstructions spray a small amount of lubricant on key. Try to avoid spraying lubricant directly into keyway.
- 5) Insert and extract the key several times to get the pin tumblers working freely. After doing this, insert key completely and try opening the lock.
- 6) Before trying again, rap the lock with a rawhide or lead mallet. This sometimes loosens the bolt and will allow the lock to open.
- 7) If you break a key off in the cylinder, a key extractor will be necessary to retrieve it in order to salvage the lock.
- 8) When lubricating a lock cylinder, never put oil or grease into it; these substances cause the pins to stick and are the cause of lockouts.