



How-Do-We-Do-That?

Re-Keying the CX-5

The CX-5 is suitable for use on all doors in houses, public and commercial buildings, hotels, hospitals, and schools.

Patented Pending cylinder and key

Materials:

- ✓ Solid brass construction
- ✓ Key blank silver nickel
- ✓ Side Pin and Side Bar silver nickel

Available in:

- ✓ Combo Mortise/Rim Cylinder
- ✓ Replacement key-in-knob cylinder for knob and leverset.
- ✓ Replacement cylinder for deadbolt
- ✓ Heavy Duty Single cylinder and Double cylinder deadbolt
- ✓ Grade 2, ULC +260D Single cylinder and Double cylinder deadbolt



Key Control:

CX-5 Series keyway is a proprietary design and the distribution of the key blanks is strictly controlled.

Card Control with authorized signature is required in order to permit locksmiths to duplicate your key.

CX-5 Series cylinders provides similar levels of key control at the fraction of the cost when compared to other high security key control systems.

Pick Resistant:

CX-5 cylinders are equipped with anti-picking side pins and mushroom top pins to make it almost impossible to pick.

Drill Resistant:

CX-5 cylinders are equipped with hardened steel pins, which are situated in the cylinder face; this gives it a high resistance to drilling for protection of the top chamber, shear line, and the sidebar.

Keys:

Keys can be cut on any standard key cut machine. There are over 1000 keyways available.



Side Bar and Finger Pins

Keyway Identification:

Original keys are marked with Keyway Identification and Cut/Depth Identification.

Spacings	Depths
1 .246	1 .339
2 .402	2 .324
3 .558	3 .309
4 .714	4 .279
5 .870	5 .264
6 1.026	6 .249
	7 .234
	8 .219
	9 .204
	10 .189

Bottom of cut .050

Mortise/Rim Cylinder

CX-5 Mortise/Rim cylinder comes with 3 types of cams, plus included are two fastener bolts and inside doorplate and outside faceplate, a back-of-the cylinder – plug Tailpiece mounting plate and the tail piece are included . A large Guard ring in included in the package.

Key-In-Knob Cylinder

CX-5 Key-In-Knob cylinders can be used for retrofit in Scorpion Knobs, Levers and Deadbolts and give them the same high security protection. The CX-5 Key-in-knob cylinder will fit in many other brands of lock manufacturers.

Re-Pinning:

Use a standard .500" diameter follower when removing the plug from the cylinder body. Leave key or blank in the plug, when

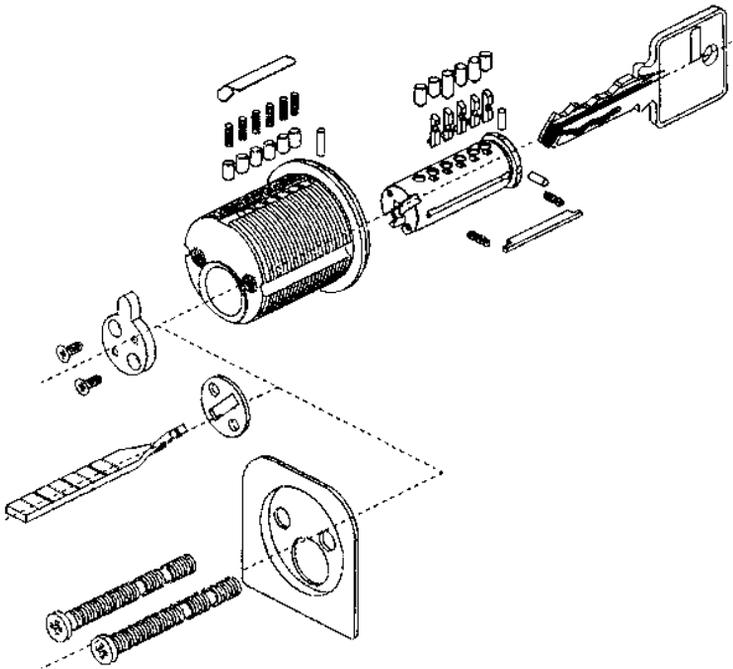
removed from the cylinder body. Remove key/blank carefully and at the same time hold one finger on the bottom of the plug.

If not, the finger pins will fall out on the bottom of the cylinder plug. Those finger pins, not spring loaded, need to be replaced according to the snake milling on the key. In a 5-pin cylinder there will be 4 finger pins in a six pin cylinder there will be 5 finger pins.

When needed, replace the finger pins and a key or blank in the cylinder plug and look in the finger pin groove for correct line up of the finger pins. Make corrections when needed.

Replacement pins can be taken from locksmith's standard pinning kits.

Master keying is done also with normal master key set-ups.



Shimming the Cylinder

CX-5 cylinders can be shimmed with any CX-5 blank to fit any of the 1000 keyways.

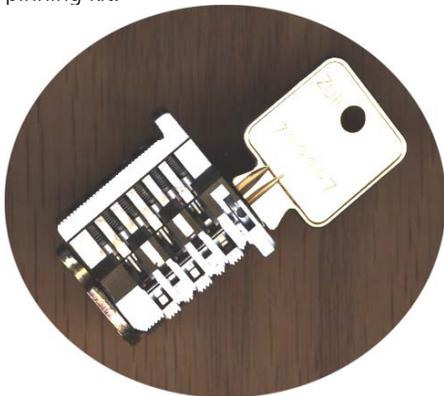


Remove the back of the cylinder and insert the blank from the front of the cylinder and the shim from the back of the cylinder.

When using the follower to remove the cylinder plug, place one finger on the bottom of the plug so that the finger pins stay in place with the sidebar.

Remember that there are no springs used on the side bar pins. There are 2 springs used on the side bar.

The side bar can be used on different key ways. The finger pins need to be rearranged or different ones used from the pinning kit.



Notice the difference in the Snake Milling. Each keyway has its own unique shape.

Master keying

Prepare an CX-5 blank to the deepest cut all the way, just like you do with Schlage Everest and/or Primus. That lets you master key in, while holding the finger pins in place. After pinning to the correct keys, place sidebar with 2 springs in place and insert plug with and deep cut key, while plug is turned, into cylinder shell.

Imported by
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