

Easy View/Tamper Resistant Keypad for Comptronic® Locks

Installation Instructions

The Sargent & Greenleaf Easy View/Tamper Resistant Keypad can be substituted for standard Comptronic lock keypads when a single battery unit or one that is tamper resistant is desired. Use these instructions in conjunction with the lock's installation instructions.

MOUNTING CONSIDERATIONS



- The Easy View/Tamper Resistant Keypad is made to be easy to view when located significantly below eye level. It combines this ease of use with a tamper resistant design to deter unauthorized removal of the keypad once it is installed.
 - The Easy View/Tamper Resistant Keypad uses the same mounting screw hole locations and dimensions as those required for a standard S&G keypad.
 - Two 8-32 or M4 (metric) screws are used to attach the keypad to the safe door. The outer surface of the door should be thick enough to provide sufficient threads for a solid attachment.
 - The battery holder is designed to hold a standard 9-volt battery. We recommend Duracell® alkaline batteries for optimum performance.
 - The keypad should be cleaned with a damp cloth. Solvents and chemical cleaning agents could damage your keypad's finish or impair its function. Additionally, you should take precautions to prevent water or any other conducting fluid from getting into the keypad. This could result in a short circuit that causes batteries to become hot, and may damage your lock.
- All areas of the safe contacted by battery and lock cables must be free of burrs and sharp edges. These could nick or cut wire insulation, resulting in an electrical short, or loss of power to the lock mechanism.



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INSTALLATION NOTES . . .

Although the The Easy View/Tamper Resistant Keypad IS EASY TO INSTALL, WE RECOMMEND THE FOLLOWING PROCEDURES BE PERFORMED BY AN EXPERIENCED LOCKSMITH OR SAFE TECHNICIAN. YOUR SAFE MAY INCORPORATE RELOCKING DEVICES. MISALIGNMENT OR DETACHMENT OF THESE DEVICES CAN RESULT IN A LOCKOUT—A CONDITION WHERE THE SAFE CANNOT BE OPENED WITHOUT DAMAGE.

ADDITIONAL ITEMS YOU WILL NEED . . .

The keypad requires one 9-volt alkaline battery (not included). We recommend you use a fresh Duracell® battery. Do not use an old or partially drained battery with your lock.

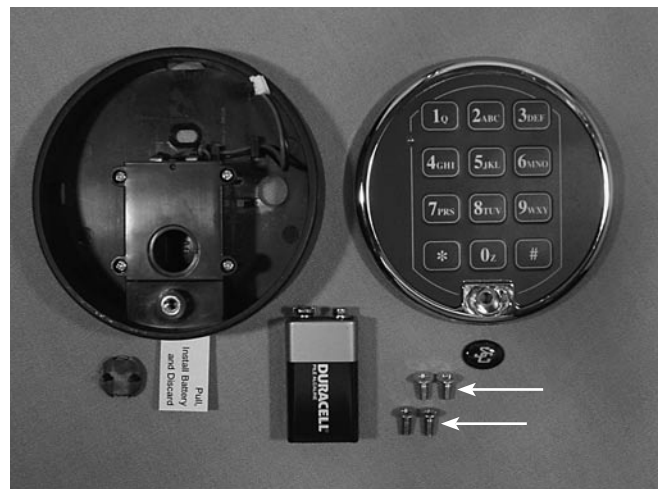
Many installations can be performed with nothing more than a medium phillips (⊕) screwdriver and a medium flat bladed (⊥) screwdriver. If the lock must be installed or accessed, keep in mind that the manufacturer of your safe may use external relock devices. These require specialized tools and knowledge to attach correctly. Remember to refer to your lock's installation instructions when necessary.

INSTALLATION . . .

Step 1

If the lock is also to be installed at this time, carefully read the installation instructions that came with it. This also applies if an existing lock's original installation is to be altered.

The keypad comes with two sets of flat head mounting screws. The silver colored pair is 8-32, and the reddish or rust colored pair is M4 (metric). Determine which ones fit the keypad mounting screw holes in your safe's door, then discard the other pair.



Step 2

There is a battery holder that slides in and out of the keypad's base. Pull on the yellow tab to remove it from the base.

Once the holder is out, peel off the tab and discard it. Put the battery holder aside for now.

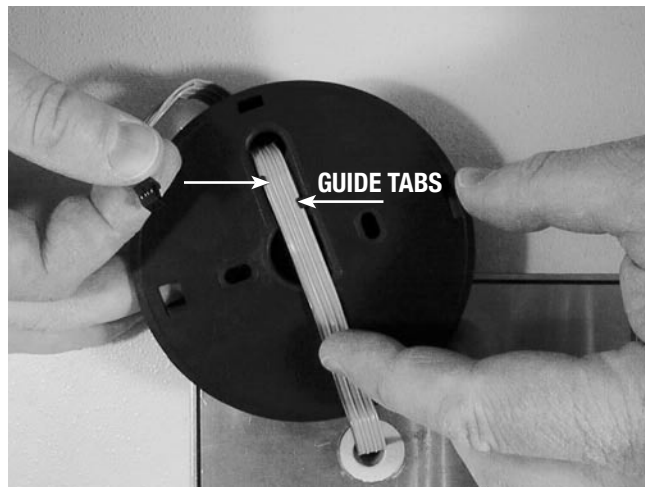
Note: Leave the tab on the battery holder if the safe or door is to be shipped without a battery installed.



Step 3

The lock body should already be installed, with its cable running through the safe door. Place the cable into the recessed channel in the back of the keypad base, tucking it under the guide tabs as shown.

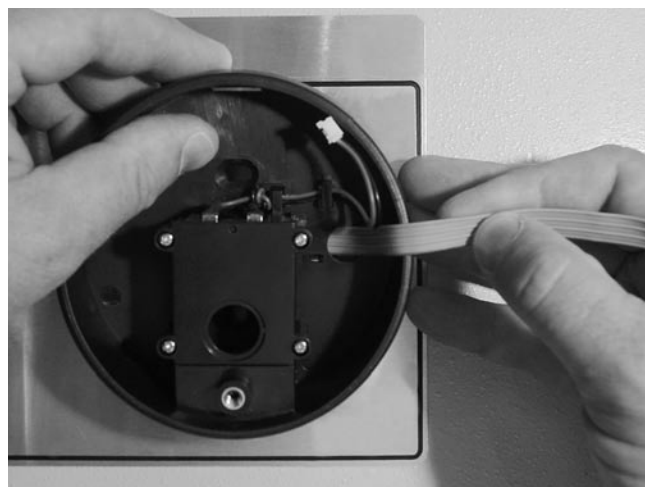
It is important to make sure the cable is kept in the recessed channel so that it will not be crushed or crimped when the base is fastened to the front of the safe.



Step 4

As you move the base toward the safe door, gently pull on the cable to take up any slack. Be very careful to pull all excess cable through to the front of the keypad base, and make sure it remains in the recessed channel in the back of the base.

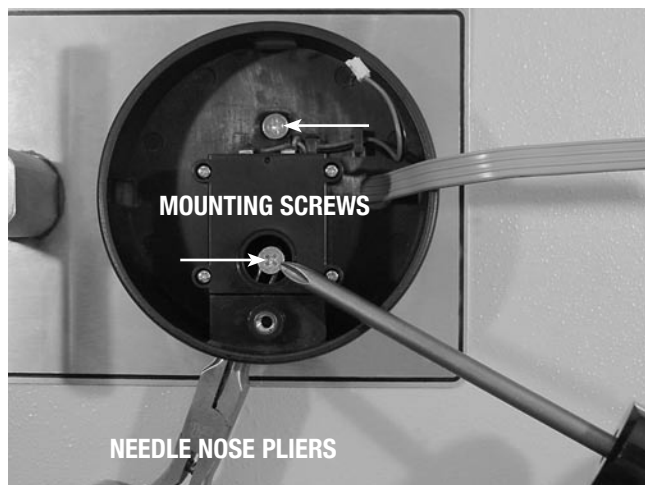
When you finish this step, the base should be flat against the safe door, all excess cable should be pulled to the front, and the cable under the base should be in the recessed channel.



Step 5

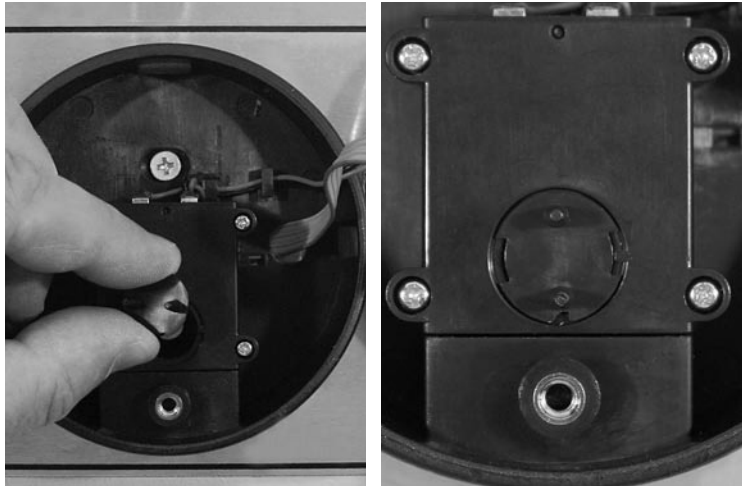
With the keypad in position on the safe door, install the two mounting screws. The holes in the keypad base will line up with the existing mounting holes in the safe door.

The bottom screw is installed through the battery holder cavity. You may find it helpful to hold the screw with tweezers or needle nose pliers while you get it started in the hole.



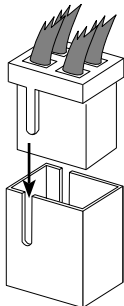
Step 6

Locate the small, black, plastic disc included with your keypad components. Insert it into the battery holder housing with the two legs pointing away from the keypad base and in line with the two base mounting screws. It will snap into place when oriented correctly.

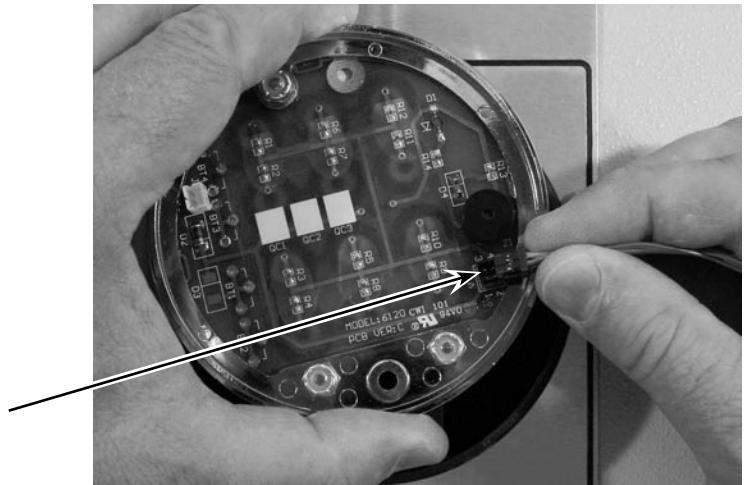


Step 7

Once the base is firmly fastened in place, plug the black lock cable connector into the matching black receptacle on the underside of the keypad. It is designed to insert only when oriented correctly.

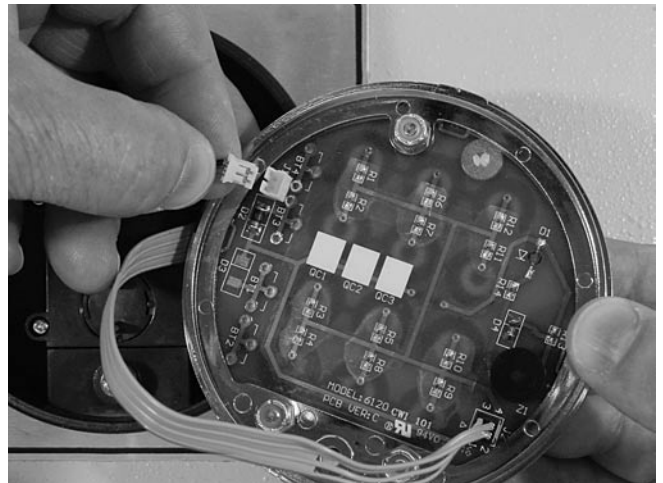


ALIGN RIDGE WITH SLOT



Step 8

Snap the white power connector into the matching white receptacle on the keypad circuit board. It will only insert when it is oriented correctly.



Step 9

Place a 9-volt alkaline battery (Duracell® is recommended) into the battery holder. Then slide the holder into the opening in the bottom of the keypad base. It will click into position.

Carefully turn the keypad over and hold it in your hand while you check the operation of the lock several times.



Step 10

Route the lock cable around the top of the battery holder area so it will not be crushed when the keypad is placed on the base.

Install the keypad into the base. Insert it into the keypad at the top first, where a small recess in the base captures a matching projection on the keypad's rim. The keypad will snap into place.



Step 11

Using a flat bladed screwdriver, install the one-way security screw. It cannot be easily removed without a specialized tool. This assembly is a VdS approved tamper resistant keypad.

—OR—

If a VdS tamper resistant keypad is not needed, you may use the standard 8-32 X 6 mm Phillips screw in place of the one-way security screw. In this is done, the assembly will not be VdS approved.



Step 12

Once the keypad screw is securely fastened, remove the protective backing from the S&G logo button, align it carefully, and press it into the recess where the screw was installed. Once pressed firmly, its adhesive will hold it in place.



Step 13

Your keypad installation is complete. Check the operation of the lock and keypad at least three times before closing the safe door.

Refer to the separate battery changing instructions when it's time to replace the battery.



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