Document 630-XXX
Revised 11/15/2012

Abbreviated Installation Instructions for Titan Model 2006 PivotBolt Safe Lock

The Model 2006 Pivot Bolt lock is a reversible, non-handed electronic safe lock. It will be necessary to plug the provided cable into the lock. This is a phone-type connector that will only insert one way (Figure A). Make sure it is fully inserted and locked into the lock case receptacle. Either side of the lock case can be mounted against the safe door to accommodate the direction of movement of the blocking bar or cam plate of the safe's boltwork. No matter which side of the case is placed against the safe's mounting plate, the lock cable needs to be routed in the recessed channel in the lock's cover. Figure B shows the proper cable placement if the side opposite the cover is to be placed against the mounting plate. In this case, the cable runs through the opening of the case and on through the safe's spindle hole to the keypad. Figure C shows the proper cable placement if the cover side of the lock is to be placed against the mounting surface. The cable is routed around the end of the lock case and through the recessed channel where it will make a nearly 90-degree bend before running through the safe's spindle hole to the keypad. It is very important to make sure the cable is in the recessed channel before the lock is tightened against the mounting surface.

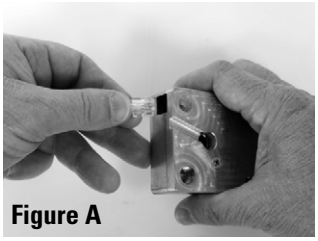


Figure A

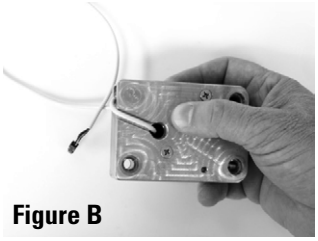


Figure B

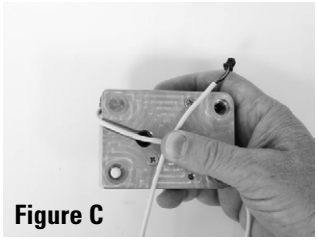
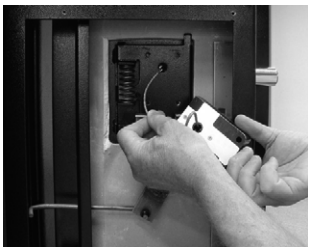
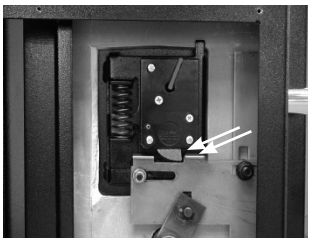


Figure C



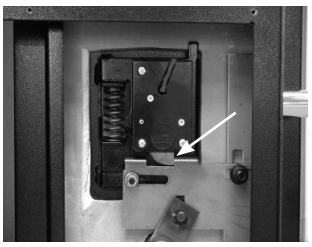
1. The mounting surface should be smooth and flat, with ¼-20 mounting screw holes. The wire channel (spindle hole) through the safe door must be at least .312 inch (7,9 mm) in diameter. Insert the lock cable through the spindle hole and gently pull it from the front of the safe as you place the lock body against the mounting surface.

2. After making sure the cable is protected within the lock's recessed channel and not crimped or stressed at any point, attach the lock body to the mounting surface using the screws provided. Tighten the mounting screws to 30 to 40 inch-pounds (33.9 to 45.2 dNm).

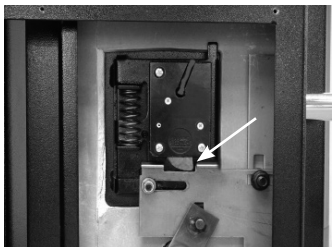


3. Make sure there is a minimum clearance of 0.150 inch (3.8 mm) between the end of the lock case and the blocking bar of the safe's boltwork.

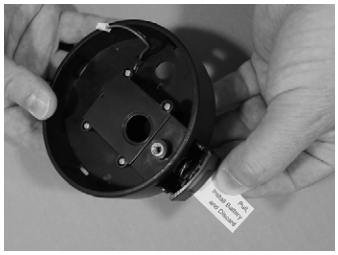
4. To attach the safe's relock device plate, remove the single visible lock cover screw, place the plate over the lock, engage the plate with the relock device, then re-install the cover screw tightly. Use the short 8-32 X 1/8" screw found in the accessory pack to attach the plate at the other screw hole location. Do **not** force any screw deeper than the blind tapped hole or you WILL damage the lock.



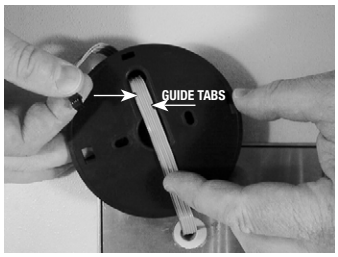
5. The lock cannot function properly if it binds against the safe's boltwork. This photo shows boltwork in the fully locked position, placing pressure on the side of the lock bolt. It could prevent the lock from opening.



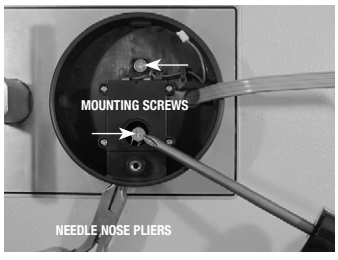
6. In this photo, the boltwork bind has been relieved by removing a small amount of material from the right side of the blocking bar's bolt opening. Now when the boltwork is fully thrown to the locked position, there is air space on all sides of the lock's bolt. This is the desired relationship.



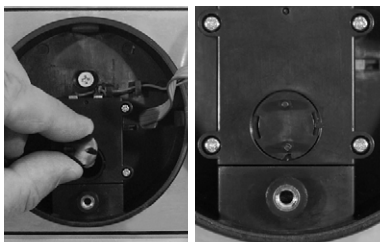
7. There is a battery holder that slides in and out of the keypad's base. Pull on the yellow tab to remove the battery box from the base.



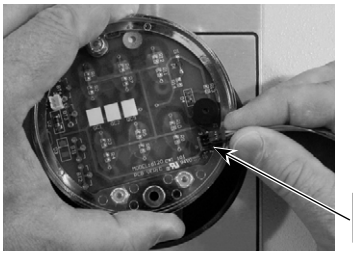
8. Place the lock cable into the recessed channel in the back of the keypad base, under the guide tabs as shown. Keep the cable is kept in the channel so it will not be crushed when the base is fastened to the front of the safe. As you move the base toward the safe door, gently pull on the cable to take up any slack. The base should end up flat against the safe door, with all excess cable pulled to the front.

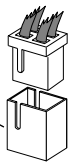


9. With the keypad in position on the safe door, install the two mounting screws. The holes in the keypad base will line up with the existing mounting holes in the safe door. The bottom screw is installed through the battery holder cavity. You may find it helpful to hold the screw with tweezers or needle nose pliers while you get it started in the hole.

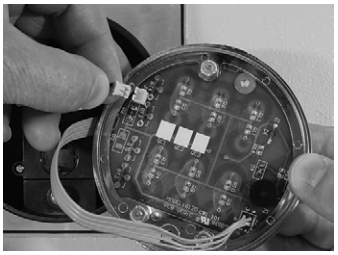


10. Locate the small, black, plastic disc included with your keypad components. Insert it into the battery holder housing with the two legs pointing away from the keypad base and in line with the two base mounting screws. It will snap into place when oriented correctly.





11. 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.



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

13. 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.

14. 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.

15. Using a medium Phillips screwdriver, install the keypad holding screw. Once tightened, you may peel the backing from the self-stick S&G logo and place it over the screw. Press it in place firmly.

Check lock and boltwork functions at least three times with the safe door open before closing and locking the safe.

Abbreviated Operating Instructions for the Titan™ Lock on Your Safe

Complete, official instructions for this product are contained in Sargent & Greenleaf document 630-804, available at www.sargentandgreenleaf.com.

Code Restrictions: Personal data that can be related to a code holder, such as a birth date, street number, or phone number, should not be used in creating a lock code. Avoid codes that can be easily guessed. After the lock is changed to a new code, the lock function must be checked by locking and unlocking it several times with the container door open. Make sure it functions correctly before closing the door.

Opening the Lock with No Time Delay
To open the lock, enter a valid lock code followed by #. The lock will open.

Opening the Lock if a Time Delay is Set
To open the lock, enter a valid lock code and #. The lock will beep 3 times. During the time delay period, the lock will beep once every 10 seconds. At the end of the time delay, the lock will beep 10 times rapidly. Enter a valid lock code and # to open the lock. The second code may be the same as the code used to start the time delay, or it may be a different valid lock code.

Creating a Supervisor or User Code
7 4 * MASTER CODE OR SUPERVISOR CODE # ( ) PIN POSITION FOR CODE TO BE CHANGED OR ADDED # ( ) NEW CODE # ( ) NEW CODE # ( )
Note: The Supervisor Code cannot change the Master Code.
PIN Positions: 1 Supervisor Code
2 – 9 User

Code Holder Changes His Own Code
3 3 * EXISTING CODE # ( ) NEW CODE # ( ) NEW CODE # ( )

Deleting a Code
7 4 * MASTER CODE OR SUPERVISOR CODE # ( ) PIN POSITION # ( ) # ( ) # ( )
Notes: The Master Code cannot be deleted. The Supervisor Code cannot be used to delete itself. A time delay override code can only be deleted by the Master Code holder and only from within an opening window period following a time delay period.
PIN Positions: 1 Supervisor Code
2 – 9 User Codes

Set Keypad Beeper Volume
7 8 * MASTER CODE # ( ) 0 # 0 # for "OFF" OR 1 # 1 # for "LOW" OR 2 # 2 # for "HIGH" ( )

Setting, Changing, or Deleting a Time Delay
7 4 * MASTER CODE # ( ) 00 # LENGTH OF DESIRED TIME DELAY # ( ) LENGTH OF DESIRED TIME DELAY # ( )
Note: The time delay period can be set anywhere from 1 to 99 minutes. An existing time delay can only be changed within an opening window period following a time delay period. To delete a time delay, enter the length of desired time delay as zero.

Using the Management Reset Code
67 * Management Reset Code # ( ) NEW 6-DIGIT MASTER CODE # ( ) NEW 6-DIGIT MASTER CODE # ( )
Note: All codes are automatically deleted when the Management Reset Code is used. Not affected are the time delay period (if one was set), opening window period (if a time delay was set), duress function, or lock access mode.