Installation for Models 1007 Spartan and 2007 Titan™ D•Drive™ Safe Locks

• Für Anweisungen auf **Deutsch** besuchen Sie bitte die folgende Website:

• Pour obtenir les instructions en **français**, veuillez consulter le site ci-dessous :   **www.sargentandgreenleaf.com/OPinstr.php**

The Models 1006 and 2007 D•Drive locks are non-handed, electronic safe locks. 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. The lock cable must to be routed in the recessed channel in the lock's cover. Figure B shows the proper cable placement The cable runs through the opening of the case and on through the safe's spindle hole to the keypad.
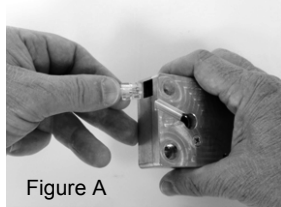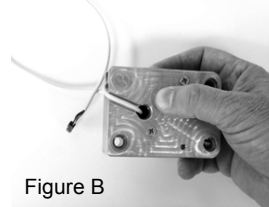
Figure A

Figure B

1. Measure the safe's door thickness (distance from the mounting surface for the lock to the mounting surface for the keypad. Add ¾" (19 mm), and cut the aluminum spindle to this length.

2. Insert the lock cable into the spindle slot as shown. Then slide the cable through the length of the slot.

3. As you slide the last bit of cable through the spindle slot, place the spindle into the lock body cam. The spindle and cam are configured to mate together.

4. Place the end of the lock cable through the safe door from inside. Pulling gently on the cable insert the lock with attached spindle through the safe door so that it can be attached to the door's mounting plate with the three screws provided.
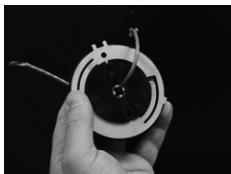
5. Place the lock cable through the center of the keypad base as shown.

6. Pulling gently on the cable, move the keypad base against the safe door, and attach it using the two machine screws provided. Do not tighten beyond 15 inch-pounds (1,695 Nm).

7. If not already attached, plug the battery connector cable into the white receptacle on the back of the keypad.

8. Plug the lock cable into the black receptacle on the back of the keypad. Note that there are two raised ridges on the cable plug and two matching slots in the keypad receptacle. Align these features before inserting the plug into the receptacle.

9. Place the lock cable into the recessed area of the keypad provided for it on the left side.
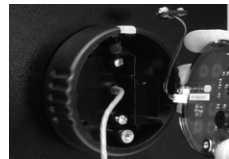
10. Place the battery cable through the slot at the base of the battery cable compartment and place the remainder of the cable in the compartment.

11. Keeping the lock cable and the battery cable in their respective compartments, place the keypad onto the base. The top seats into the base first, then the bottom.

13. To install the battery, pull the keypad tab out slightly and turn the keypad ring counterclockwise. The ring will pull out from the base far enough to reveal the battery connector. Attach the battery and place it in the battery compartment.

12. Install and tighten the keypad holding screw as shown. Use the one-way security screw for EN1300 applications. The Phillips screw is acceptable for all other applications. Once the screw is in place, cover it with the self-stick S&G logo after peeling the protective film off of the logo.

14. Push the keypad ring back against the base and turn it clockwise until it clicks into place. Test the lock function at least three times with the door open before closing the safe.

1007 and 2007 D•Drive Specifications

Attaching Screws: Use only the screws provided with the lock. They must engage the mounting plate by at least four full threads. Do not use lock washers or thread sealing compounds.

Recommended Attaching Screw Torque: 30 to 40 inch-pounds (33,9 to 45,2 Nm) for the lock body. No more than 15 inch-pounds (1,695 Nm) for the keypad base attaching screws.

Minimum Lock Cable (Spindle) Hole Diameter: 0.375 inch (9,5 mm)

Maximum Lock Cable (Spindle) Hole Diameter: 0.406 inch (10,3 mm)

Lock is Designed to Move: 2.5 lbs. (11,12 Newtons) continuous / 10 lbs. (44,48 Newtons) maximum

Lock Bolt Maximum Free Movement: 0.352 inch (8,95 mm) 0.109 inch (2,77 mm) remains outside the edge of the lock case when bolt is fully retracted.

Maximum Bolt End Pressure: lock is designed to withstand at least 225 lbs. (1000 Newtons)

Maximum Bolt Side Pressure: safe and container boltwork or locking cam designs must never apply more than 225 lbs. (1000 Newtons) of side pressure on the lock bolt.
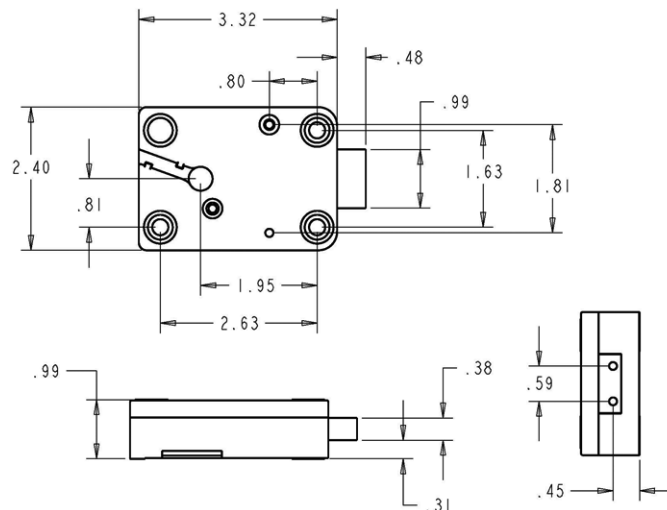
Mounting Environment: The lock body is designed to be mounted inside a secure container. The container must be constructed to offer protection against physical attack directed at the lock. The amount of protection is dependent on the desired level of security for the system as a whole. Lock protection may include barrier materials, relock devices, thermal barriers, thermal relock components, or any combination of these. Relock device attaching screws must NOT be longer than the depth of the tapped hole provided in the lock case.

A minimum distance of .150 inch (3,8 mm) is recommended between the end of the lock case and the closest approach of the safe's blocking bar or cam plate (which is normally blocked by the extended lock bolt). Maintaining this clearance will allow the lock to deliver optimum performance.

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 (such as 1 2 3 4 5 6 or 1 1 1 1 1 1). The lock's factory default code must be changed to a unique, secure code when the lock is put into operation by the end user.

Note: Every installation of this product must comply with these requirements and those in the product installation instructions to qualify for the manufacturer's warranty and to comply with EN1300 requirements.

ALL DIMENSIONS IN INCHES