Sargent & Greenleaf 6805

Sargent & Greenleaf 6805 Key-Op Key Operated Safe Lock User Manual

Model: 6805

1. Product Overview

The Sargent & Greenleaf 6805 Key-Op Key Operated Safe Lock is engineered for reliable and secure access control for safes. It features durable brass levers designed for long life and dependable operation, along with a special lever design that provides a high level of pick resistance. The punch-resistant case design further enhances security. This lock utilizes S&G's Magic Module footprint, ensuring compatibility with the mounting dimensions of most mechanical and electronic safe locks, making it a versatile choice for various applications.

The 6805 is a non-key retaining lock, meaning the key can be removed after locking or unlocking. It operates with a single-bitted key. The included keys are made of nickel-plated brass for durability. The lock can be re-keyed without disassembly, and different key lengths can be provided to accommodate varying door thicknesses. Each package includes two keys and one 6804-009 escutcheon.



Image 1.1: The Sargent & Greenleaf 6805 Key-Op Key Operated Safe Lock, showing the main lock body, two nickel-plated brass keys, and a circular escutcheon plate. The lock body is grey with visible screw holes and the keyhole. The keys have a distinctive shape for the single-bitted mechanism.

2. Setup and Installation

The 6805 lock is designed for straightforward installation, leveraging the S&G Magic Module footprint. This standard footprint ensures compatibility with a wide range of safe doors previously fitted with other mechanical or electronic safe locks.

2.1 Pre-Installation Checklist

- Ensure the safe door is clean and free of debris where the lock will be mounted.
- Verify that the mounting holes on the safe door align with the Magic Module footprint of the 6805 lock.
- Confirm you have all components: the 6805 lock body, two keys, and the 6804-009 escutcheon.
- Gather necessary tools: screwdriver (appropriate for mounting screws), measuring tape (if verifying key length).

2.2 Mounting the Lock

1. Position the 6805 lock body onto the safe door, aligning the mounting holes.
2. Secure the lock body using appropriate screws (not included, typically provided with the safe or purchased separately) through the designated mounting holes. Ensure the lock is firmly attached and does not wobble.
3. Install the 6804-009 escutcheon on the exterior of the safe door, aligning it with the keyhole. Secure it if necessary (some escutcheons are press-fit or screw-mounted).
4. Test the key insertion and rotation before closing the safe door to ensure smooth operation.

2.3 Key Length Considerations

The 6805 lock can accommodate different key lengths to suit various safe door thicknesses. If your safe door is unusually thick or thin, ensure the provided keys are of the correct length for proper engagement and operation. Consult a professional locksmith if custom key lengths are required.

3. Operating Instructions

The Sargent & Greenleaf 6805 is a simple and reliable key-operated lock. It is a non-key retaining lock, meaning the key can be removed from the lock in both the locked and unlocked positions.

3.1 Locking the Safe

1. Ensure the safe door is fully closed and aligned.
2. Insert one of the provided nickel-plated brass keys into the keyhole of the 6805 lock.
3. Turn the key clockwise until it stops, indicating the lock bolt has extended and secured the safe door.
4. Remove the key. The lock is now secured.

3.2 Unlocking the Safe

1. Insert one of the provided nickel-plated brass keys into the keyhole of the 6805 lock.
2. Turn the key counter-clockwise until it stops, indicating the lock bolt has retracted.
3. Remove the key. The safe door can now be opened.

Important: Always ensure the key is fully inserted before turning to prevent damage to the key or the lock mechanism. Do not force the key if it does not turn smoothly.

4. Maintenance

Proper maintenance ensures the longevity and reliable operation of your Sargent & Greenleaf 6805 safe lock. The brass levers are designed for long life, but occasional care can prevent issues.

4.1 General Care

- Keep the keyhole and surrounding area clean and free of dust or debris. Use a soft, dry cloth for cleaning the exterior.
- Avoid using harsh chemicals or abrasive cleaners on the lock or keys, as these can damage the finish or internal components.
- Do not lubricate the keyhole or internal mechanism with oil or grease, as this can attract dust and lead to clogging. If lubrication is deemed necessary due to stiffness, consult a professional locksmith for appropriate dry lubricants.

4.2 Key Care

- Store spare keys in a secure location, separate from the safe.
- Avoid bending or damaging the keys. A damaged key can harm the lock mechanism.
- If a key is lost or damaged, contact a certified locksmith or Sargent & Greenleaf for a replacement. The lock can be changed to a new key without disassembly by a qualified technician.

5. Troubleshooting

This section addresses common issues you might encounter with your 6805 Key-Op Safe Lock. For problems not listed here, or if solutions do not resolve the issue, please contact professional assistance.

5.1 Key Does Not Turn Smoothly

- **Check Key Insertion:** Ensure the key is fully inserted into the keyhole.
- **Inspect Key:** Examine the key for any bends, damage, or foreign material. If damaged, do not force it; use the spare key or obtain a replacement.
- **Check Keyhole:** Look for any obstructions in the keyhole. Gently try to remove any visible debris. Do not insert foreign objects.
- **Safe Door Alignment:** Ensure the safe door is properly closed and aligned. Misalignment can put pressure on the lock bolt, preventing smooth operation.

5.2 Lock Does Not Engage/Disengage

- **Full Key Turn:** Ensure you are turning the key completely until it stops in both locking and unlocking actions.
- **Internal Obstruction:** There might be an internal obstruction preventing the bolt from moving. This requires professional inspection.
- **Mechanism Wear:** Over time, internal components may wear. If the lock has been in use for many years and suddenly fails, professional service is recommended.

Note: Attempting to repair the lock yourself without proper knowledge can void warranties and potentially damage the safe or lock further. Always consult a qualified locksmith or Sargent & Greenleaf authorized service provider for complex issues.

6. Specifications

Feature	Description
Model Number	6805-005
Lock Type	Key-Operated Safe Lock

Key Type	Single-bitted key
Key Material	Nickel-plated brass
Lock Body Material	Brass levers, punch-resistant case
Key Retaining	No (non-key retaining)
Footprint	S&G Magic Module
Included Accessories	(2) Keys, (1) 6804-009 Escutcheon
Special Features	High pick resistance, re-keyable without disassembly, accommodates different key lengths

7. Warranty and Support

Sargent & Greenleaf products are known for their quality and durability. For specific warranty information regarding your 6805 Key-Op Safe Lock, please refer to the documentation provided at the time of purchase or visit the official Sargent & Greenleaf website. Warranty terms typically cover manufacturing defects under normal use.

7.1 Customer Support

If you require technical assistance, have questions about installation, operation, or need to arrange for service, please contact Sargent & Greenleaf customer support or an authorized dealer. Contact information can usually be found on the manufacturer's website or product packaging.
For authorized dealers and service centers, please visit: www.sargentandgreenleaf.com

© 2023 Sargent & Greenleaf. All rights reserved.
This manual is for informational purposes only. Specifications are subject to change without notice.