The KnoxLock® SFIC* Retrofit eLock core is designed to replace a mechanical Small Format Interchangeable Core (SFIC) and is compatible with most locking hardware having a SFIC prep. Many lock types are available in SFIC format.

IMPORTANT: KnoxLock SFIC is not compatible with large format interchangeable core (LFIC) cylinders and preps. It may be difficult to distinguish between SFIC and LFIC when looking at installed mechanical cores. Please consult with your facilities personnel or a locksmith for assistance in determining the compatibility of your installation.

PRODUCT CONTENTS
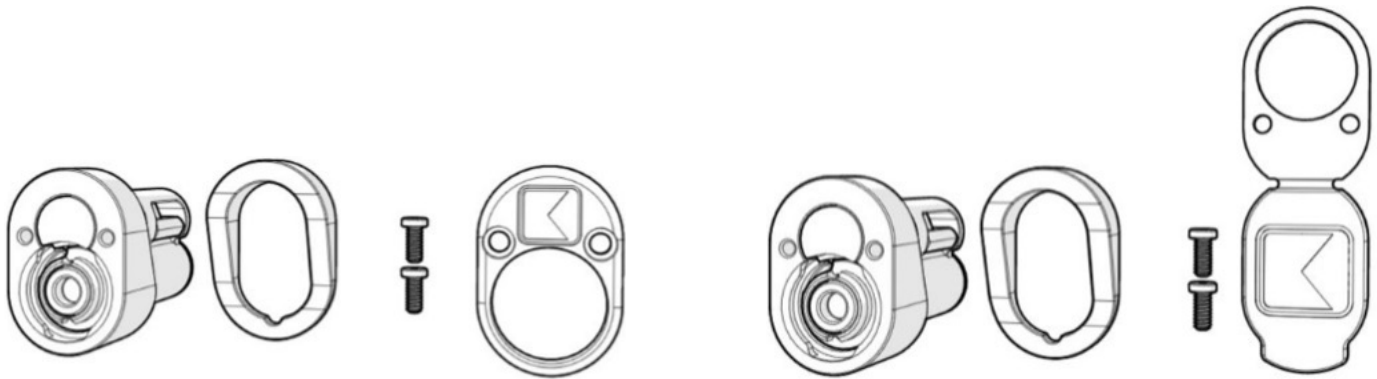
KLS-8820L - Indoor:

- (1) KnoxLock SFIC lock core
- (1) Installation screw guard (installed in SFIC)
- (1) Faceplate cover
- (2) Faceplate screws #4-40x1/4, 18-8 SS
- (1) Flat spacer ring

KLS-8821L - Outdoor:

- (1) KnoxLock SFIC lock core
- (1) Installation screw guard (Installed in SFIC)
- (1) Rain guard
- (2) Rainguard screws #4-40x1/4, 18-8 SS
- (1) Flat spacer ring

NOTE: Indoor lock cores can be converted for outdoor use by replacing the faceplate cover with a rain guard. Faceplate covers and rain guards are field replaceable. For lever handles having a teardrop cylinder opening, a curved spacer can be ordered separately to replace the standard spacer.

92240 KnoxLock SFIC Replacement Standard Spacer
92241 KnoxLock SFIC Curved Spacer
92242 KnoxLock SFIC Replacement Rain Guard, 5 Pack
92243 KnoxLock SFIC Replacement Front Cover, 5 Pack

TOOLS REQUIRED FOR INSTALLATION:

- User key and control key for existing lock cylinder
- Knox KLS-8720K SFIC Control Key
- Knox KLS-8701K Standard eKey
- T-10 Tamper-Resistant Torx screwdriver
- Hex screwdriver 0.050"

PREREQUISITES:

- Remove the existing SFIC mechanical lock core (if any) according to the manufacturer's instructions using the control key that was provided with your mechanical SFIC lock cores
- Configure and sync the KLS-8720K SFIC Control Key in KnoxConnect to enable Command Code 1 and Command Code 2
- In KnoxConnect, verify the eLock serial number or register the KnoxLock SFIC core to your jurisdiction if not found
- Program the KnoxLock SFIC with the desired lock code before attempting to install the lock:
  - To program the eLock enter Command Code 2 on the Knox SFIC Control Key and insert into lock
  - Hold without turning until the eKey LEDs flash green and cease
  - Test the lock open function using a standard eKey enabled with Command Code 1

CAUTION:
Open the enclosure/door/shackle being secured by the lock you are replacing. **Do not allow the door to close until installation is complete and the unlock function has been tested.** You may be unable to reopen the door if these steps are not completed.

Do not use the Control Key to perform normal unlocking. The Control Key is not retained in the eLock core. It is possible to remove the eKey before the unlocking sequence is complete, leaving the lock in a disabled condition and requiring potentially destructive measures to remove the lock core.

*Patents pending. For patent information, please visit **knoxbox.com/patents**

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LOCK INSTALLATION

1. Activate the Control Key and insert it into the lock core. Once the Control Key shows solid green LEDs rotate the lock core plug ~45°. Remove the Control Key and check the alignment to ensure the core is clear of the screw guard.
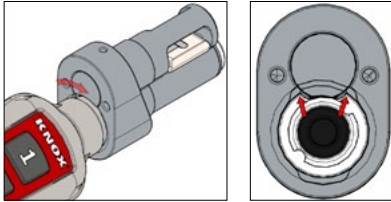

2. Use the magnet on the backside of the Control Key to remove the screw guard.

3. Use a T10 tamper resistant Torx screwdriver to turn the eLock's installation screw counterclockwise until the control lug is fully retracted and the screw stops. Do not over tighten.
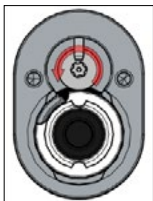
4. Place the spacer ring onto the eLock core so that the spacer and core create a flat surface when installed into the cylinder.
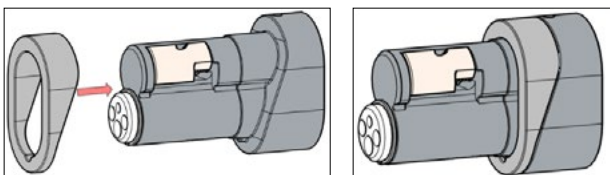

5. Insert the eLock into the SFIC lockset's cylinder receptacle. Use the Control Key to align lock core pin holes with the position of the lockset's throw member pins if necessary and use the Torx screwdriver to turn the installation screw clockwise until the screw is tight. Gently pull on the lock to confirm the eLock is firmly installed.
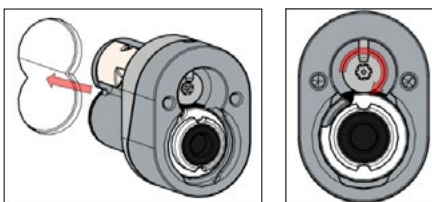

6. Test the lock using a standard ekey to verify unlocking and locking performs as intended.

7. Activate and use the Control Key to rotate the lock core plug ~45° so that the notch on the lock core plug is aligned with the Screw Guard tail. If necessary, use the Control Key to readjust.
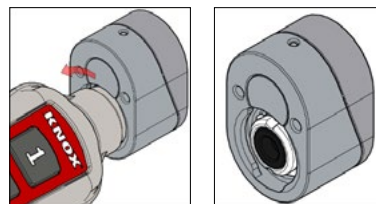
   NOTE: In some applications (e.g. latch locks) it may be necessary to hold the latch down so that that the lock core plug is not rotated back by the latch spring.
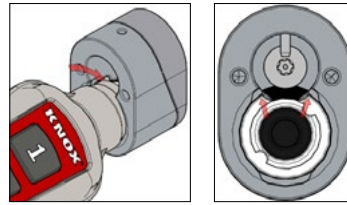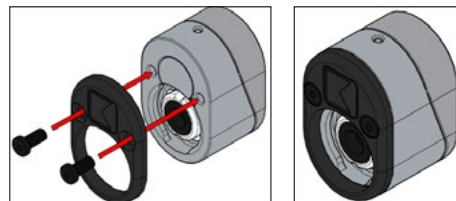

8. Insert Screw Guard.
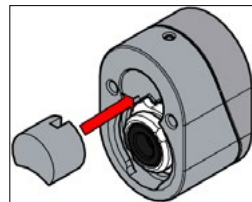
9. Use the Control Key to rotate the Lock Core Plug back into the locked position.


10. Install the faceplate cover or rain guard. Place the cover or rain guard onto the face of the eLock, aligning the holes with the screw holes in the lock. Using a 0.050"- size hex screwdriver, insert the screws through the faceplate cover or rain guard and tighten.

Your installation is now complete.

TO UNINSTALL THE LOCK

1. Remove the faceplate cover or rain guard using a 0.050" – Hex screwdriver.

2. Use the SFIC Control Key with Command Code 1 to rotate the lock core ~45 degrees so that the notch on the lock core plug is aligned with the Screw Guard tail.

3. Remove the eKey from the SFIC eLock and use the magnet on the butt of the Control Key to remove the Screw Guard.

4. Use a T10 Security Torx screwdriver to unscrew the installation screw until the screw stops.
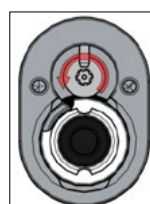
5. Remove the KnoxLock SFIC from the lock receptacle.