# KNOX®
*When seconds matter*™

# KEYSECURE® 6
## QUICK START INSTALLATION GUIDE

### 1 Contents
- KeySecure 6
- Security screw wrench for technician access lock (*tech-lock*)
- Wiring pigtail crimp connectors and heat shrink
- WiFi antenna
- 3V Lithium coin cell battery
- USB cable

### 2 Tools Required
- 1/16" Allen wrench
- 5/32" Allen wrench
- Hand crimper

### 3 Bracket Mounts (optional)
- 60˚ or 90˚ bracket (*sold separately*)
- Flat-mount bracket (sold separately)

    **NOTE:** See instructions shipped with your specific bracket for additional details, or access the technical documentation in the FD Portal at KnoxBox.com.

### 4 Getting Started
1. Ensure vehicle and KeySecure are powered down before beginning installation, and observe safe practices when working with power and electrical components.

2. **IMPORTANT: The Keysecure 6 requires continuous power to charge the Knox eKey. Do not use a power source controlled by the ignition switch.**

3. Use min 18AWG to connect device to power.

4. KeySecure 6K-2 requires 7A @ 12VDC max power or use **Model KSM-200AC AC/DC** transformer with a 120VAC wall outlet.

5. Do not insert keys until the KeySecure 6 is powered. The mechanical key will be locked in place until power and a valid PIN code is used.

### 5 Installation Instructions
1. Remove technician access lock *(tech-lock)*:

    a. Using security screw wrench, remove two security screws from tech-lock cover by turning counterclockwise

    b. Remove tech-lock cover plate

    c. Insert tech-key into tech-lock and turn counterclockwise until lock is loosened and remove lock

2. Using 5/32" Allen wrench, remove two mounting bolts on either side of unit by turning counterclockwise.

3. Rotate bottom out, then lift unit up and off of the back cover.

    **NOTE:** Back cover should easily remove. Do not force. If needed, call technical support for assistance.

4. Install Battery *(Battery included with shipment)*:

    a. On back of unit, locate the battery socket in the upper right corner beneath the black insulator shield

    **NOTE:** To remove old battery, use a 1/16" Allen wrench to move the battery down and out of the battery socket.

Technician lock (tech-lock) cover
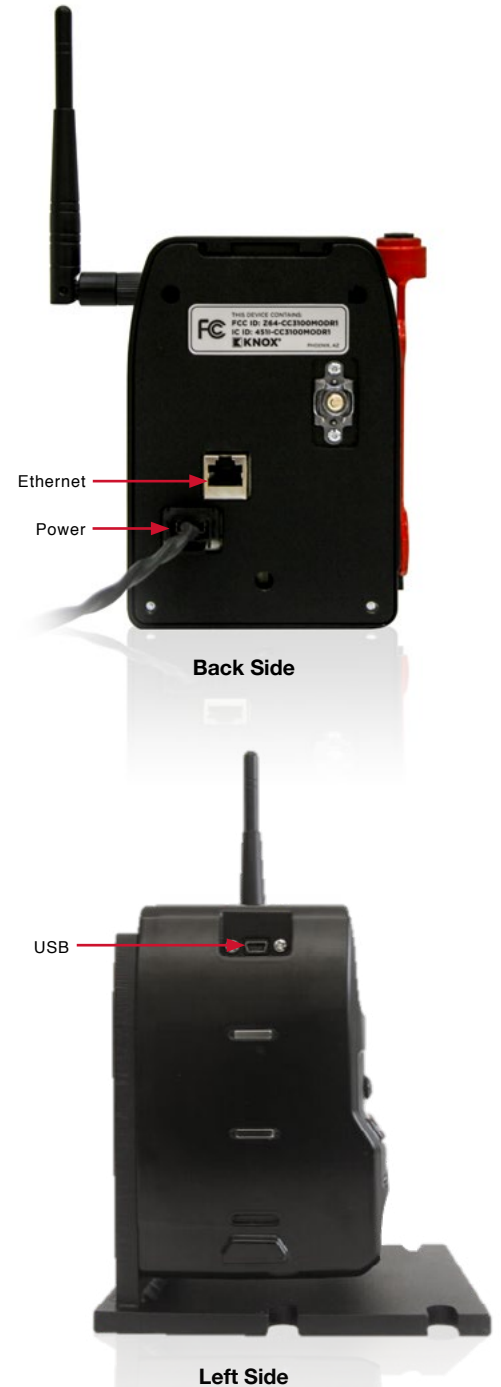
Mounting bolt

Mounting bolt

OPE-ESYSLR-0326-H

b.  Locate the battery socket by pulling down the pre-cut corner section on the black insulator shield and slide battery with (+) terminal facing out, up into the battery socket

5.  To mount the KeySecure 6 to the bracket, follow the instructions included with the mounting bracket:

    a.  Do not place washers under the hardware inside back cover

6.  If mounting without a bracket (**NOT RECOMMENDED**):

    a.  Use 1/4" - 20 Grade 8 Hex Head hardware for mounting
    b.  Max hardware head height of 0.188"
    c.  Do not place washers under hardware inside back cover

7.  Reinstall KeySecure on back cover, top first.

8.  Hook unit onto back plate and insert the two provided #10-32 x 2" socket cap screws and tighten to snug. Be aware of coin cell battery location when hooking unit onto back plate.

9.  Reinstall and tighten tech-lock and tech lock cover.

10. Attach antenna to male connector on top right side of unit.

11. Wire device's power pigtail to 18 AWG (*minimum*), wire from vehicle power source and ground using crimp-on butt connectors and heat shrink provided.

12. Plug pigtail connector into power port on rear of KeySecure.
    **NOTE:** Amber LED lights will flash five times to indicate the unit is powered. Keypad backlight will illuminate and LED lights will blink if no key is installed. If LEDs do not flash, check KnoxConnect **key port disabled** setting.

13. Restore power and insert keys and rotate key or close the latch to secure.

Ethernet

Power

**Back Side**

USB

**Left Side**

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**NOTES:**

- KeySecure can be configured for Internet access before or after installation. To configure the KeySecure for network access, see the *Knox Networking Guide* by logging into your portal at knoxbox.com or contact Knox Technical Support.

- To reset the KeySecure, press and hold the arrow key (return key) for 10 seconds. Release after LEDs and the keypad backlight turn off.

- The Coin cell battery is replaceable with a CR1225.

- Contact Knox Technical Support for assistance at (800) 552-5669

**To access additional KeySecure techincal documents, log into your account at Knoxbox.com.**

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**FCC NOTICE:**

This device complies with Part 15 of FCC Rules. The operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and
(2) This device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications could void the user's authority to operate the equipment.

This Class B digital apparatus complies with Canadian ICES-003.
Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

This Device Contains: FCC ID: 2AOVI-KNOX-RAS, IC: 23479-KNOXRAS.