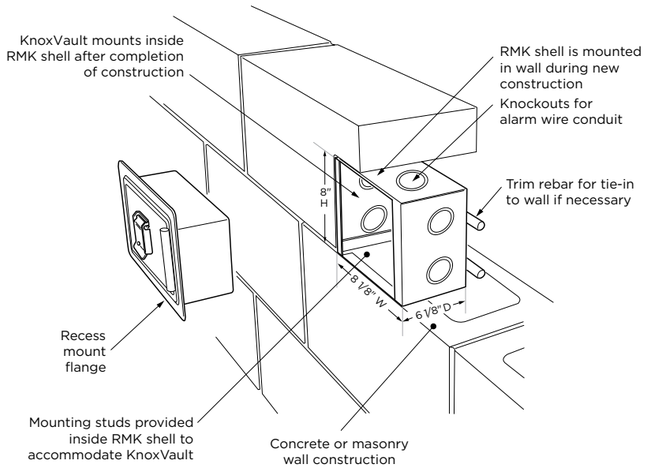


Recess Mounting Using Recess Mounting Kit

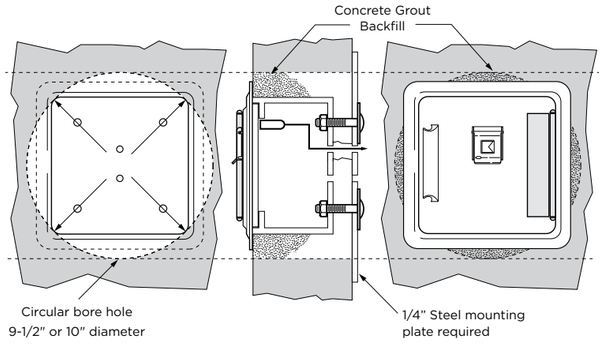
RECESS MOUNTING USING RECESS MOUNTING KIT (RMK)

The optional Recess Mounting Kit is for use in new concrete or masonry construction only. The kit includes a shell housing and mounting hardware to be cast-in-place. The KnoxVault is mounted into the shell housing after construction is completed.

Rough-in Dimensions: 8-1/2" H x 8-1/2" W x 7" D

Installation: Mounting kit may be fastened to inside wall of a concrete form or set in place during masonry wall construction. Wiring conduit may be connected through knock-out hole(s) in the shell housing.

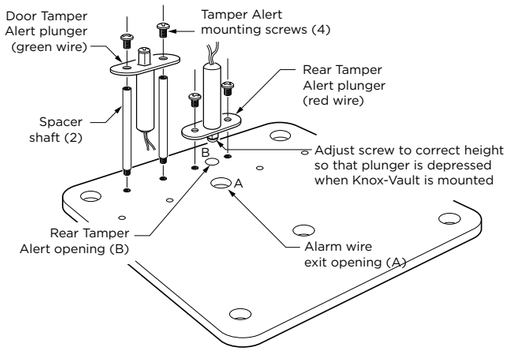
IMPORTANT: Make sure that the front of the shell housing, including the cover plate and screw heads, are flush with the finished wall. Leave cover and screws in place until the KnoxVault is ready for mounting inside. The four (4) mounting studs may be replaced with Grade 5 or Grade 8 bolts or longer studs if required. Two (2) long sheet metal screws are provided for attachment of shell housing to the inside of a concrete form. With the housing held firmly in place, drill two (2) 1/8" holes through the form wall and the housing front cover. Insert screws and pull housing tight against form wall. Remove screws before removing form.



Recessed Mounting in Solid Concrete Wall

RECESSED MOUNTING IN SOLID CONCRETE WALL

1. Bore 9-1/2" or 10" diameter hole through solid wall.
2. Install KnoxVault per General Mounting Instructions, including steel mounting plate.
3. Install electrical wiring if required.
4. Grout-in visible hole on all four (4) sides of KnoxVault.
5. Patch exterior paint if needed.



Tamper Alert Assembly

VAULT LOCKUP:
When mounting of the KnoxVault 4400 is complete, contact your local fire department to inform them the box is ready for lock up. **They have the only key to lock up the box.**

For private, industrial or commercial use:
Keys will be sent separately to address requested.

All KnoxVault 4400 units are fully tested and listed by Underwriters Laboratories as anti-theft devices. Alarm Tamper Alert switches are UL listed as Central Station Alarm Units. UL Electrical Range: Max Voltage of 24 VDC at 50 mA.

UL 437 Standard for Safety for Key Locks
UL 1037 Antitheft Alarms and Devices
UL 1332 Organic Coatings for Steel Enclosures for Outdoor Use Electrical Equipment
UL 1610 Central Station Alarm Units

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KNOXVAULT® 4400
MOUNTING INSTRUCTIONS

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OPE-KBSPEC-0035-E

KNOX® When seconds matter.®

READ INSTRUCTIONS CAREFULLY BEFORE MOUNTING

The KnoxVault 4400 is a heavy-duty, high-security key vault that stores building keys, access cards and floor plans for emergency entry. Each key vault is coated with the Knox-Coat® proprietary finishing process* and includes a 1/8" thick stainless steel dust cover to protect the lock. For maximum security, mount the unit properly in an area sheltered from excessive moisture. All keys stored in the unit must be hung on the key hooks supplied inside.

This box is protected by KNOX-COAT® Four times better than standard powder coat.

* *Knox-Coat is a proprietary finishing process that protects Knox products up to four times better than standard powder coat.*

WARNING:

Read all instructions carefully before beginning installation. This unit must be installed by a qualified installer and in accordance with applicable local codes and ordinances that govern this type of equipment. Failure to properly mount the device per the installation instructions will compromise the security of the device. The KnoxVault 4400 is an inherently strong device with many security features designed into the unit. However, careless installation with inadequate fasteners, flimsy mounting surfaces or improper mounting height can result in a security failure of the unit. Knox highly recommends that the device Tamper Alert be connected to the building's burglar alarm system for the highest level of security.

KNOXVAULT® 4400
MOUNTING INSTRUCTIONS

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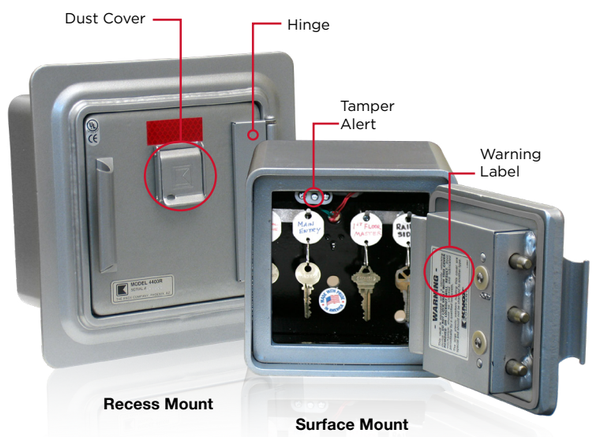
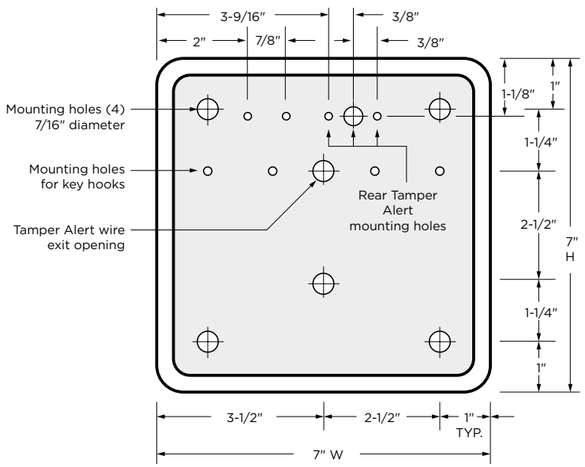
KNOXVAULT® 4400
MOUNTING INSTRUCTIONS



Recess Mount **Surface Mount**



Front View of Back Plate

GENERAL MOUNTING INSTRUCTIONS

1. **CAUTION!** Be extremely careful when handling the KnoxVault 4400 prior to installation. When not mounted, the door will be OPEN. Always hold box and door securely to prevent door closing on fingers and causing injury.

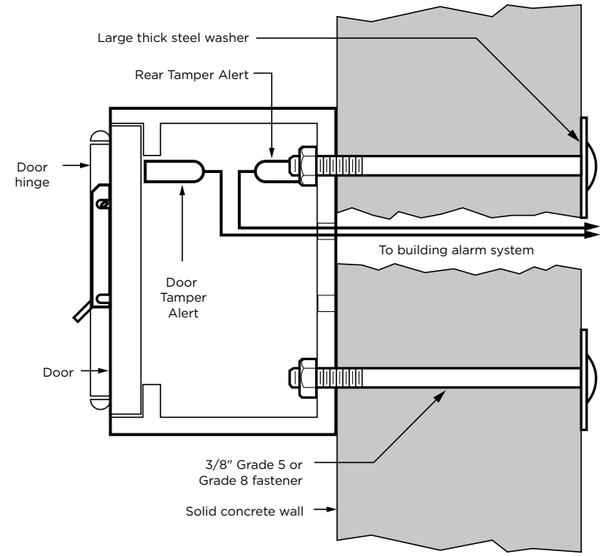
   Tamper Alert: If your KnoxVault has the Tamper Alert feature, remove the Tamper Alert assembly and set aside for installation after the box is mounted.
2. Always mount your KnoxVault to a secure, solid wall, beam or post. A six (6) foot height level is recommended to resist vandalism.
3. Use a small level to plumb the box square.
4. Position the KnoxVault with green mounting markers pointed up with the hinge on the right-hand side to allow for proper drainage. Remove the green markers after installation.
5. Use at least four (4) Grade 5 or Grade 8 fasteners (carriage bolts, etc.) of 3/8" diameter. Units may also be welded into place. Mounting to solid beams or steel supports is best. Mounting face down from ceiling or overhang area may cause contents to jam the lock.
6. For proper weatherproofing, caulk the back of box across top and down each side. Leave the bottom open for drainage.
7. Use of a professional locksmith or alarm product installer is highly recommended.

DOOR REMOVAL AND ADJUSTMENT:

If door must be removed, remove only the top and bottom hinge pin screws. Do not remove the three (3) hinge bracket screws as these are factory set for proper door alignment. When replacing the door, adjust hinge pin screws loose enough so that door swings freely. Thread locker (such as Loctite®) must be used on hinge pin screws.

NOTE:
Suggested minimum mounting height: 6' above ground

ATTENTION:
Installation of this product should be performed only by individuals skilled in the use of the tools and equipment necessary for installation. If you have any doubt concerning your competence or expertise, consult a qualified expert to perform the installation.

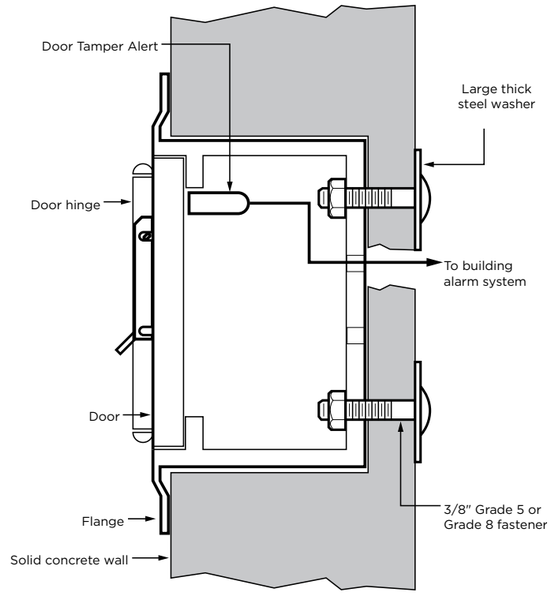


Surface Mount Models

SURFACE MOUNT MODELS

Surface Mount models are designed for mounting on a flat wall. Do not mount face down from a ceiling or overhang area. Install the Tamper Alert assembly after the box is mounted. Check to see that the “box to wall” Tamper Alert plunger is properly depressed.* A qualified alarm installer should perform alarm wiring, testing and adjusting.

*If the Tamper Alert plunger does not properly depress, adjust the screw on the plunger for proper length.



Recess Mount Models

RECESS MOUNT MODELS

Recess Mount models are designed for flush mounting. Do not mount face down from a ceiling or overhang area. Units can be adapted to fit a variety of solid walls. A Recess Mounting Kit (RMK) is for new concrete or masonry walls under construction. Do not over tighten mounting bolts as this will distort the flange.

Install the Tamper Alert assembly after the box is mounted. Do not allow the top right mounting bolt to extend too far into the box so as to interfere with the door Tamper Alert. Pull wiring tight so that any attempts to force the box out of the wall will break the wire or pull the terminals loose. A qualified alarm installer should perform alarm wiring, testing and adjusting.

If installing the box on a thin or hollow wall, use a solid backing (like 3/8" steel plate fastened to solid studs on both sides) for secure mounting. Mounting to solid beams or steel support is best.

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