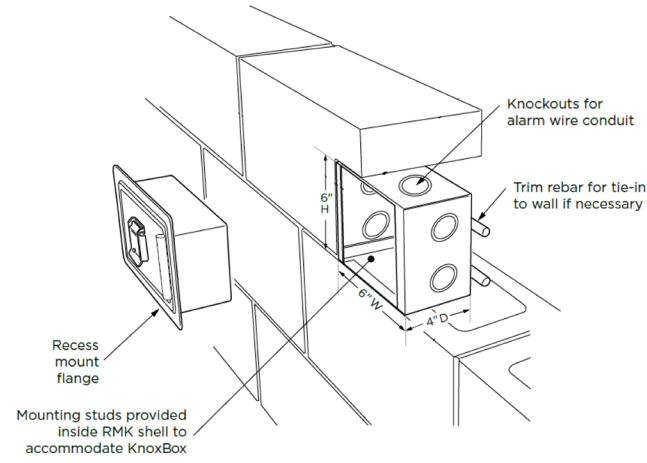


INSTALLATION TIPS WITH RECESS MOUNTING KIT (RMK)

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

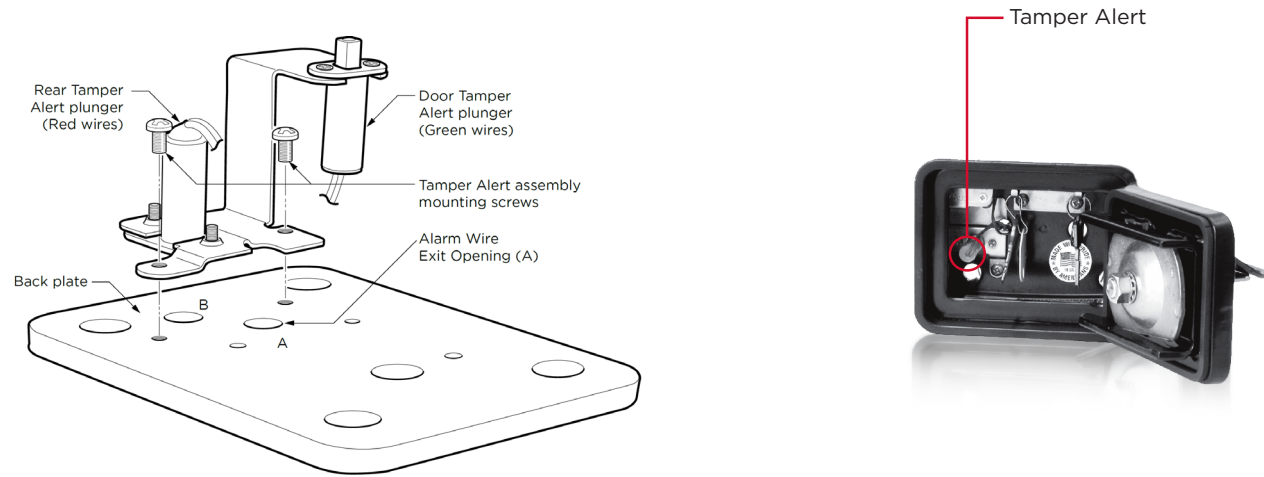
1. Ensure the front of the shell, including cover plate and screw heads, are flush with the finished wall.
2. Leave cover and screws in place until the KnoxBox is ready for mounting inside. The four (4) mounting studs may be replaced with Grade 5 or Grade 8 bolts or longer studs if required.
3. Two (2)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

Rough-In Dimensions:
6 1/2" H x 6 1/2" x 5" D



OPTIONAL TAMPER ALERT FEATURE

A qualified alarm installer should perform alarm wiring, testing, and adjusting. Check to see that the “box to wall” Tamper Alert plunger is properly depressed.



- This unit must be installed by a qualified installer and in accordance with applicable local codes and ordinances that govern this type equipment.
- Mount the box according to the UL 1037 mounting methods in these instructions. Failure to properly mount the device per the installation instructions will compromise the security of the device.

INSTALLATION WARNINGS READ ALL INSTRUCTIONS CAREFULLY BEFORE INSTALLATION.

- Improper installation using inadequate fasteners, mounting surfaces, or improper mounting height can result in a security failure of the unit.
- Always mount your KnoxBox to a secure, solid wall, beam or post.
- Suggested minimum mounting height for all installation methods is 6' above the ground.
- Do not install face down. Do not install on a ceiling or overhang. Installing face down will cause contents to jam the lock.

- Knox highly recommends that the device Tamper Alert be connected to the building's burglar alarm system for the highest level of security.
- The box is not water sealed. Protect interior contents. Do not install in a location exposed to excessive water.
- Always hold box and door securely to prevent door closing on fingers and causing injury.



All KnoxBox 3200 units are fully tested and listed by Underwriters Laboratories as anti-theft devices. Alarm Tamper Switches are UL listed as Central Station Alarm Units.

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

UL Electrical Range: Max Voltage of 24 VDC at 50 mA



KNOXBOX® 3200 INSTALLATION GUIDE



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OPE-KBSPEC-0034-G

1 TOOLS AND SUPPLIES

- Safety Glasses
- Level
- Drill with Drill Bit (bit diameter as recommended by bolt manufacturer)
- (4) Fasteners (not included)

2 SELECT UL-APPROVED MOUNTING METHOD

Through Hole Mounting

- (4) Grade 5 or Grade 8 Bolts of 3/8" Diameter

- 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
- Recessed models can be adapted to fit a variety of solid walls cored to 6" diameter approximately 3 1/2" deep
- Optional Recess Mounting Kit (RMK) for new concrete or masonry walls under construction (see other side)

Wedge Anchor with Epoxy Mounting

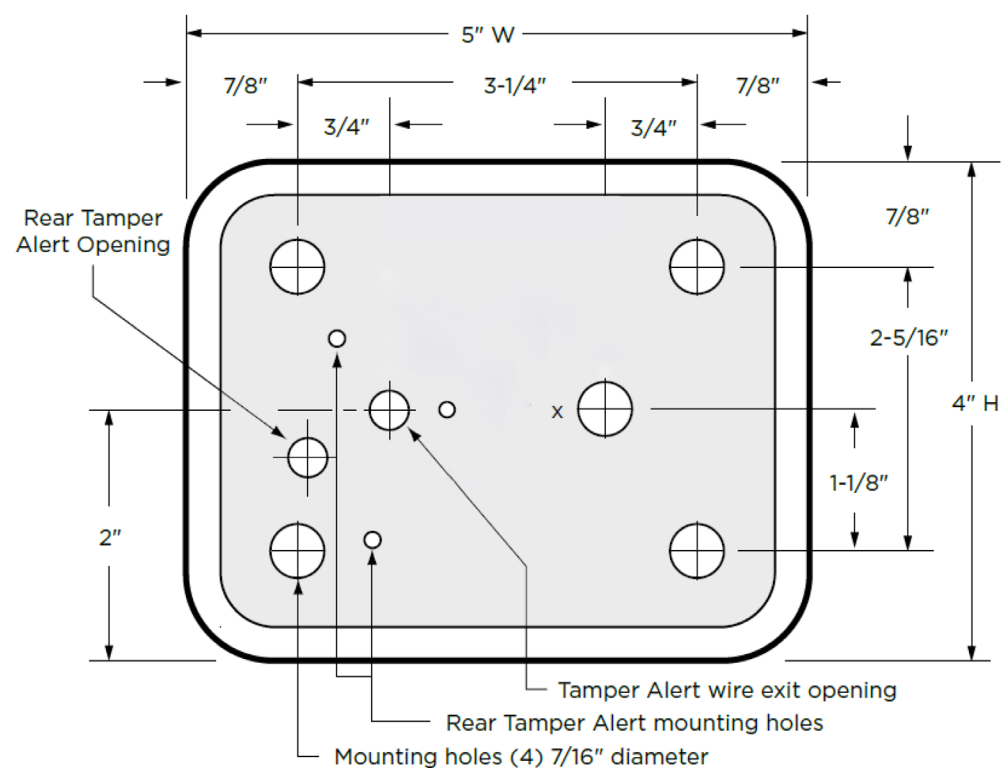
- (4) Zinc-Plated Steel Wedge Anchors (3/8" diameter, 5" long, nuts minimum of 1/4" thick, washers minimum of .02" thick)
- Epoxy (must be rated per ASTM C881 as Type I, II, IV, or V)

- Wall thickness requirements from back of the box must be met depending on wall type

Concrete: 8" minimum
Brick: 9" minimum
Block: 7" minimum

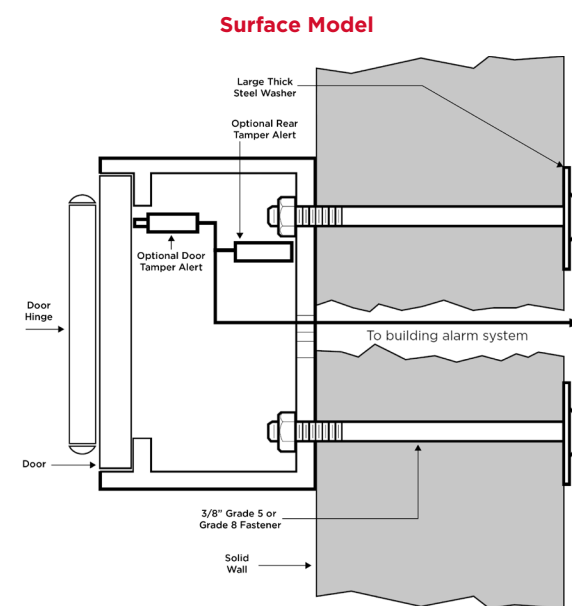
- **WARNING!** Block walls must be reinforced and not be hollow; Knox does not recommend installing boxes on hollow walls. If you discover upon drilling that the block mounting surface is hollow, refer to *Through Hole Mounting*

Inside View of Back Plate

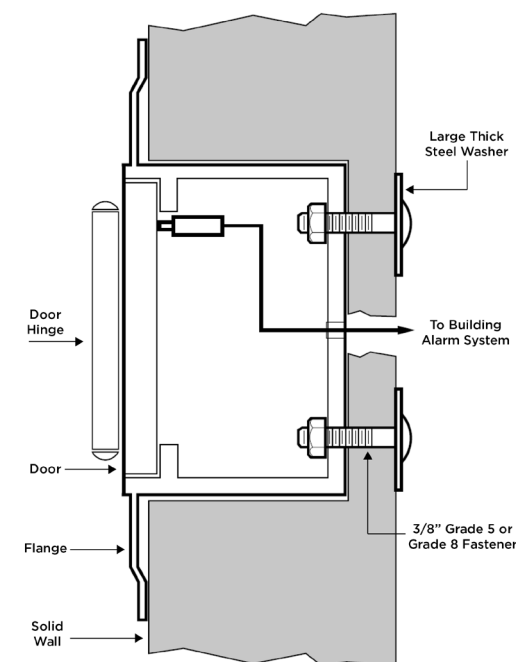


3 THROUGH HOLE MOUNTING

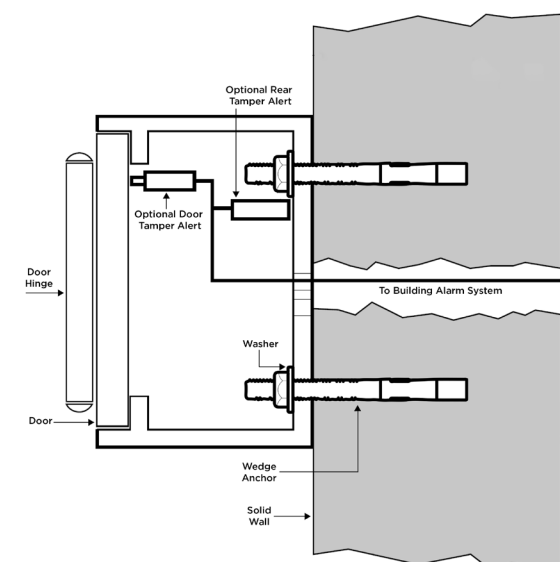
1. Use a level to plumb the box square.
2. Position the KnoxBox with the green markers pointed up and the hinge on the right-side. This allows for proper drainage.
3. Use at least four (4) Grade 5 or Grade 8 bolts (carriage bolts, etc.) of 3/8" diameter. Units may also be welded into place.



Recessed Model



Surface Model



WEDGE ANCHOR WITH EPOXY MOUNTING

1. Mark four (4) mounting holes based on the template.
 - Knox does not recommend using the optional fifth mounting hole when installing on masonry walls as it may weaken the integrity of the surface
2. Drill four (4) holes 3 1/2" to 4" deep into the surface.
3. Clean out each hole.
4. Confirm the drill depth is correct by inserting each wedge anchor into a hole, but do not tighten. Ensure that 1" to 1 1/2" of the anchor protrudes from the wall. After confirming the correct drill depth, remove the anchors.
5. Fill each hole with epoxy.
6. Install the anchors but do not tighten. Gently tap in if needed.
7. Clean excess epoxy from around the holes.
8. Mount the box on the surface, ensuring the back face of the box makes full contact with the wall.
9. Place the washers and firmly tighten the nuts.
10. Inspect the anchors to ensure at least 2 1/2 threads can be seen protruding from the nuts.

4 CAULKING & BOX LOCK UP

1. Caulk the top and sides of the box for proper weatherproofing. Leave the bottom open for drainage.
2. Remove the green mounting markers from the box.

3. For Fire Department Use: After completing installation, contact your responding fire department to lock the box. For Security or Private Use: Contact your authorized key holder for lock up.