

Assembly Instructions ■

Fixed ADA Tablet Arm Leg

May 2025



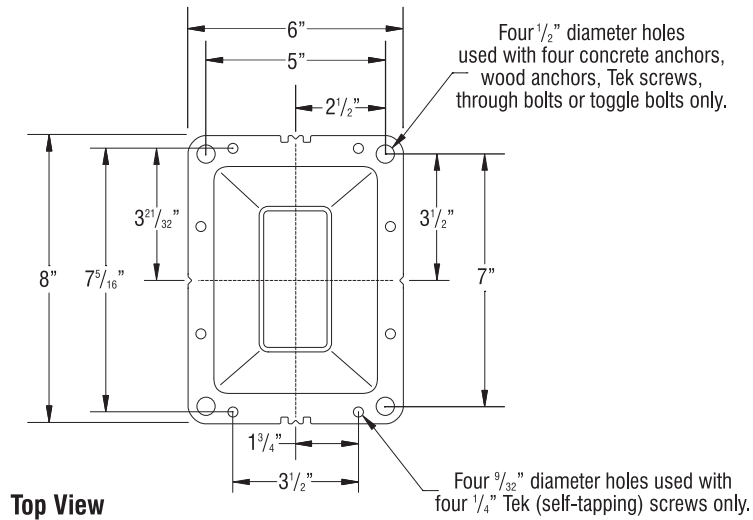
■ Fixed ADA Tablet Arm Leg

Assembly Instructions



Assemble units as described herein only. To do otherwise may result in instability. All screws, nuts and bolts must be tightened securely and must be checked periodically after assembly. Failure to assemble properly, or to secure parts may result in assembly failure and personal injury.

Floor Anchor Specifications

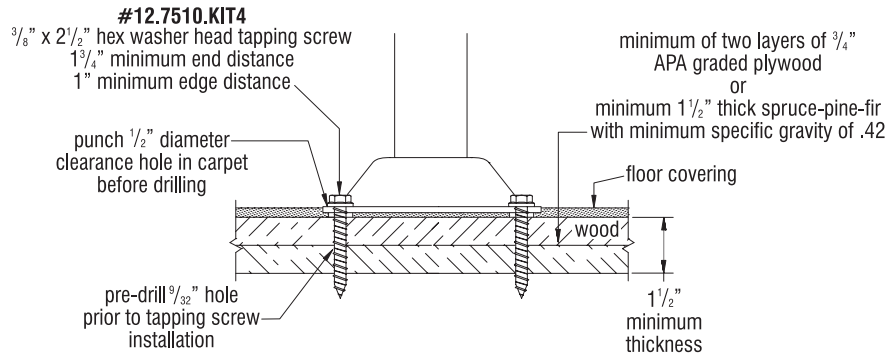


Minimum End Distance

Wood: The distance from center of anchor to the end of the wood floor panel (parallel to the grain).

Minimum Edge Distance

Wood: The distance from center of anchor to the edge of the wood floor panel (perpendicular to the grain).



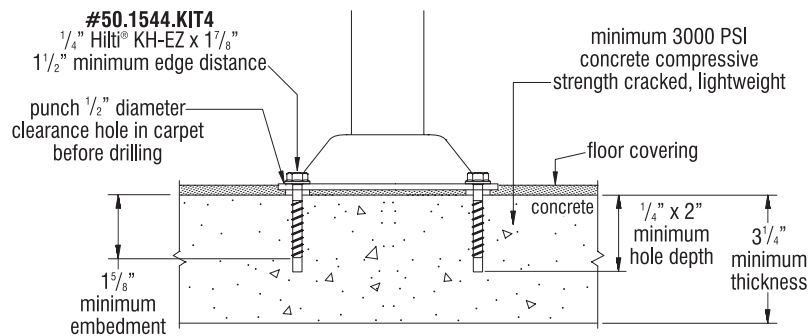
Wood Anchor #12.7510.KIT4



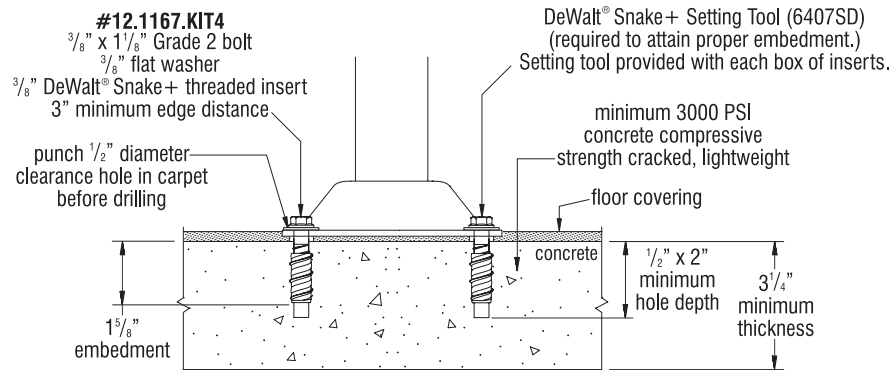
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Minimum Edge Distance

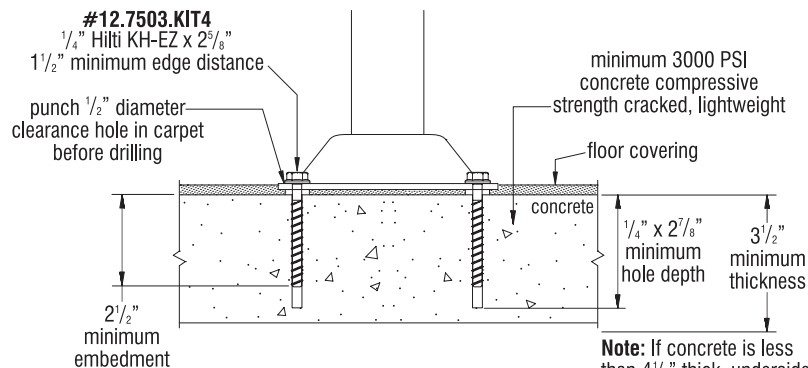
Concrete: The distance from center of anchor to the edge of the concrete material in either direction.



Concrete Anchor #50.1544.KIT4



Concrete Anchor #12.1167.KIT4



Concrete Anchor #12.7503.KIT4

Note: If concrete is less than 4 7/8" thick, underside of slab must be inspected for concrete breakout.

■ Fixed ADA Tablet Arm Leg

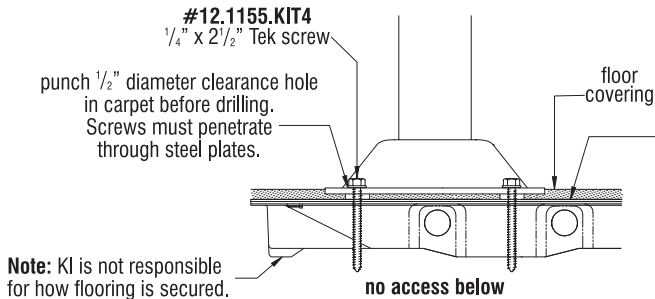
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Minimum Edge Distance

Steel: The distance from center of anchor to the edge of the steel plate in either direction.



Note: Core material negligible. Pre-drilling needed for concrete cores. Pre-drilling may not be required on non-concrete cores.

Steel Plate on Bottom Only:

Minimum thickness required is .075".
Pre-drill through core only - not steel plate.
Diameter to be slightly larger than thread diameter.

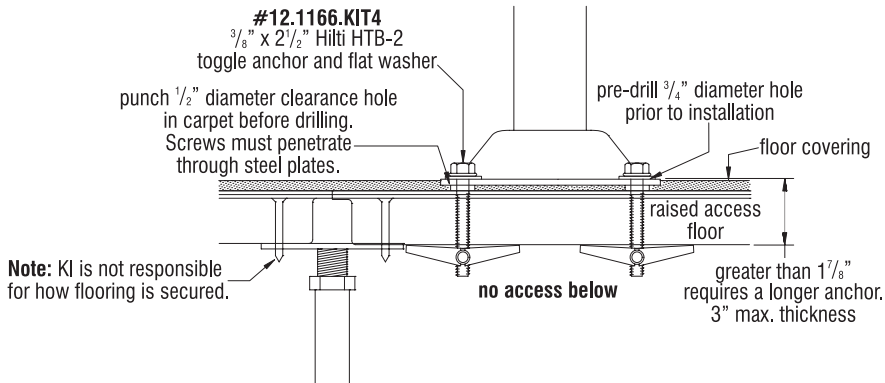
Steel Plate on Top Only:

Minimum thickness required is .075".
Pre-drill through top plate and core only.
Diameter to be slightly smaller than thread diameter.

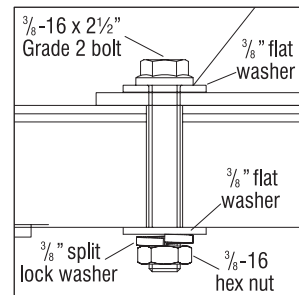
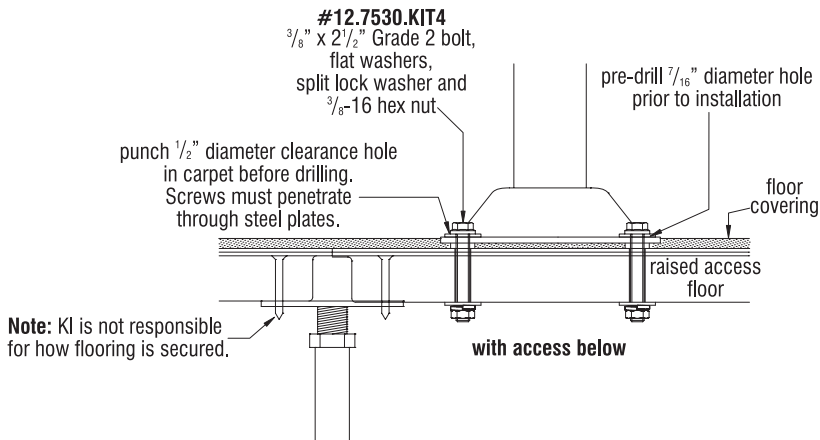
Steel Plate on Top & Bottom:

Minimum thickness of each plate is 0.040".
Pre-drill through top plate and core only.
Diameter to be slightly smaller than thread diameter.
Note: option not approved with concrete or other abrasive core that may damage threads.

Raised Floor Anchor #12.1155.KIT4



Raised Floor Anchor #12.1166.KIT4



Bolt Detail

Raised Floor Anchor #12.7530.KIT4



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TOOLS REQUIRED

- Hammer drill and bit for concrete anchor holes
- Drill and bit for pilot holes in wood floor
- DeWalt® Snake+ setting tool (required to attain proper embedment. Setting tool provided with each box of inserts)
- #3 Phillips head screwdriver bits
- #2 Phillips head screwdriver bits
- Drill motor
- Drill bits set
- Socket set
- Pliers
- Chalk line
- Tape measure

Note: Read these assembly instructions carefully prior to product installation. Product failure and personal injury may result if instructions are not followed.

MINIMUM CONSTRUCTION REQUIRED FOR UPRIGHT INSTALLATION

Wood Floors

- Minimum two layers of 3/4" APA Graded plywood or minimum 1 1/2" thick spruce-pine-fir with minimum specific gravity 0.42.
- Allow minimum embedment 1 1/2" with lag screws.

Concrete Floors

- Minimum 3000 psi Concrete, compressed strength, cracked, lightweight.
- See specific anchor diagram for minimum anchor embedment.

Raised Floors

- KI is not responsible for how flooring is secured.

Note: Warranty null and void if KI product is installed on flooring not meeting minimum structural requirements stated above.

FLOOR FASTENER REQUIREMENTS

Wood Floors

- 3/8" x 2 1/2" hex washer head tapping screw.
- Four screw assemblies required per base.

Concrete Floors

- See concrete anchor details for specific anchor.
- Four screw or bolt assemblies required per base.

Raised Floors

- See raised floor anchor details for specific anchor.
- Four screw or bolt assemblies required per base.

Note: Floor-mounting fasteners are provided unless specified.

- For questions concerning anchor selection and special floor conditions, please contact KI Customer Service at 1-800-424-2432.

STEPS FOR INSTALLATION

1. Read and review Assembly Instructions.
2. Review space-planning layouts.
3. Review job site and verify field conditions.
4. Verify floor structural conditions.
5. Stage product for installation.
6. Locate and mark layout reference points.
7. Locate and drill holes into floor.
8. Mount bases to floor or riser.
9. Install optional power systems if required.
10. Install plastic flange covers.

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Fixed ADA Tablet Arm Leg Installation

Note: On carpeted floors, it is recommended that the carpet be removed for full contact of the base with the floor. If carpet is not removed, the floor anchors must be retightened after two weeks of use.

1. Lay out the fixed tablet arm legs according to the locations specified on the space-planning layout. Position the bases of the fixed tablet arm legs on the floor at the specified location where they will be installed. Determine if bases are to be installed: (a) over the carpeting or (b) with carpeting removed.

(a) With the fixed tablet arm leg base correctly placed over the specified location on the floor, mark where the anchor holes are to be drilled into the floor. Using a $\frac{1}{2}$ " diameter hollow punch, cut out carpeting for anchor holes. Read note below and go to step 2.

Note: After two weeks of use, the base flange mounting screws must be rechecked for tightness.

(b) With the base correctly placed over the specified location on the floor, mark around the perimeter of the base for removal of the carpeting. Cut and remove the carpeting. Mark the anchor hole locations on the floor.

Note: If power is specified, the building power source will be routed up from the base and into the upright. All wire connections will be made by a certified electrician per all codes at the job site.

2. Bore anchor holes to required hole depth for floor-type specific floor anchors See pages 2 through 5 for anchor information. Locate base over pre-drilled holes and drive in (do not tighten) mounting anchors. **Shim under base flange with steel washer(s) as needed to level or compensate for floor variances.** (Figure 1).

3. Center flange clips under both sides of base flanges, with the barbs up. Insert the locating tabs of the flange so that they are tight into the base flange notches for proper engagement of flange covers later. After all bases are positioned and adjusted with shims, securely tighten base flanges to the floor. Do not install plastic flange covers at this time (Figure 1 & Detail A).
4. Route uncased wires with conduit from power & USB receptacle through the receptacle mounting hole into the inside of the rectangular upright. Attach the receptacle to the upright using four #10-24 x $\frac{1}{2}$ " screws into threaded holes as illustrated.

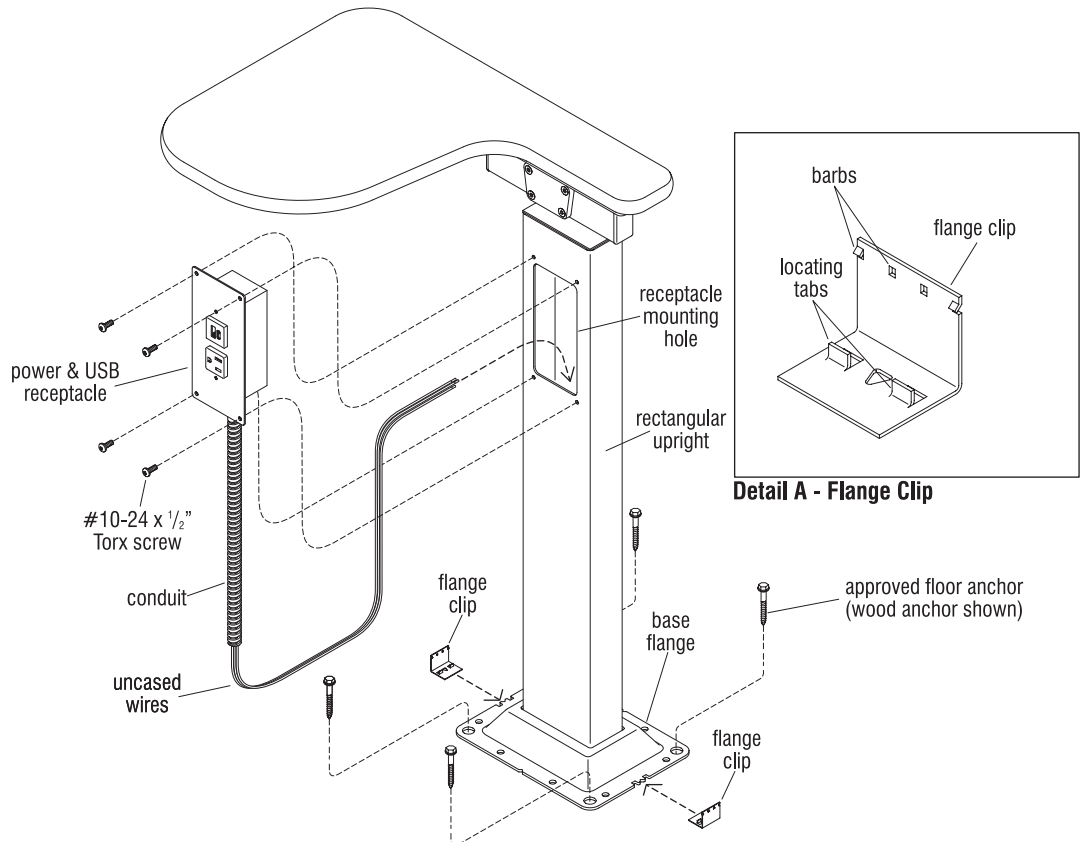


Figure 1



Assemble units as described herein only. To do otherwise may result in instability. All screws, nuts and bolts must be tightened securely and must be checked periodically after assembly. Failure to assemble properly, or to secure parts may result in assembly failure and personal injury.

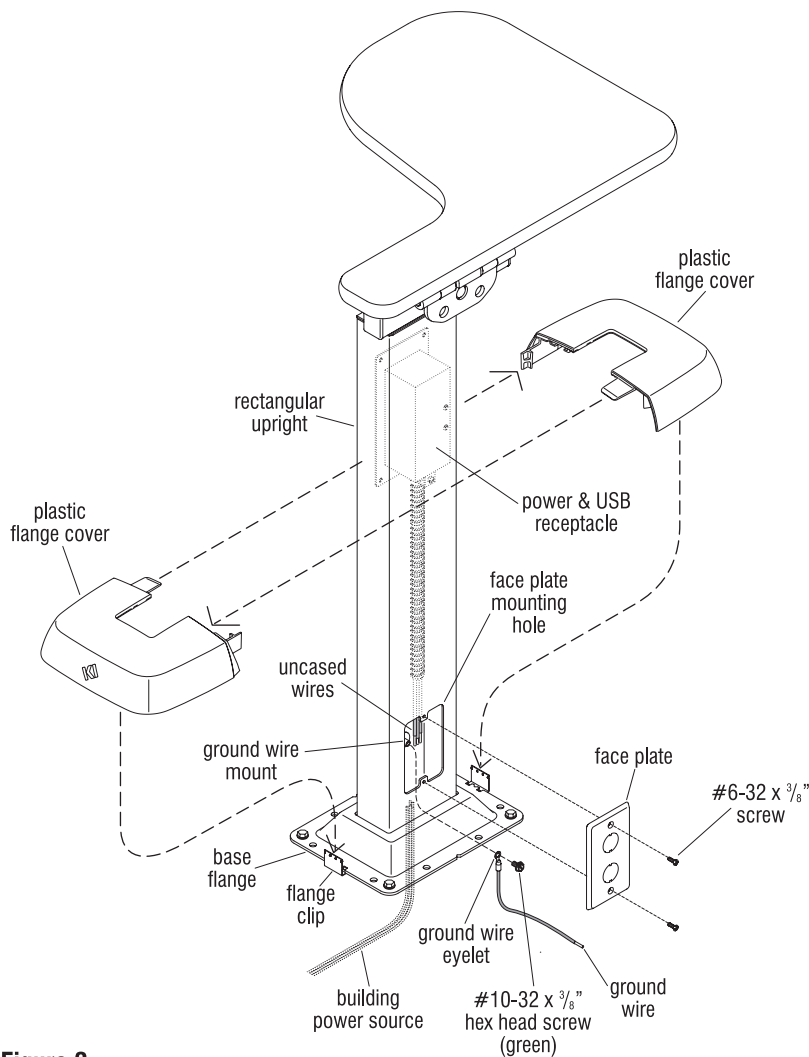


Figure 2

Black	_____	Hot
White	_____	Neutral
Green/Bare	_____	Ground

Figure 3 - Wire Diagram

Note: The power & USB receptacle is to be connected to the building power source by a qualified electrician who must also check the electrical integrity of the finished system. The step below is intended as a guideline for the installation.

- Remove the face plate attached to the rectangular upright with two #6-32 x $\frac{3}{8}$ " screws to access the uncased wires and building power source wires. Next, Attach supplied ground wire using the green #10-32 x $\frac{3}{8}$ " hex head screw through the ground wire eyelet to ground wire mount inside of rectangular upright (Figure 2).
- Certified electrician can attach ground wire and uncased wires to building power source wires (Figure 2 & Figure 3).
- Position plastic flange covers over the base flange at each side of rectangular column. Snap the flange covers together and push the flange cover down tight to the floor to engage the flange clips and secure the cover (Figure 2).

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1330 Bellevue Street
Green Bay, Wisconsin 54302
1-800-424-2432
www.ki.com

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