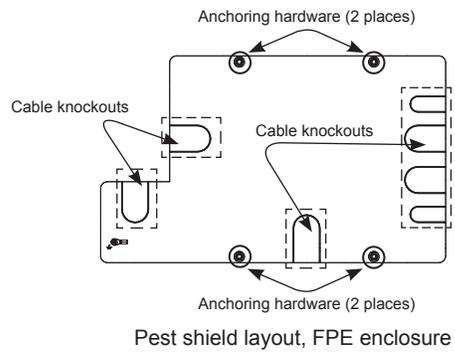
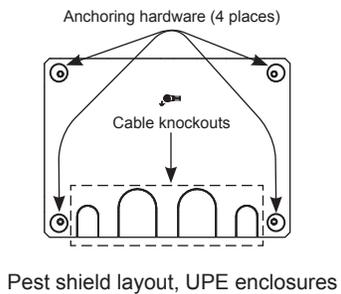


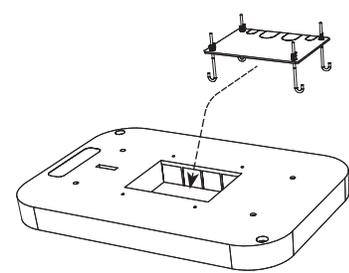
# Pest Shield Installation Instructions for Vault Lids, Pedestals and Precast Concrete Pads

Kit contents		
1 blocking plate	4 J-bolts or anchor bolts	1 Ground wire kit



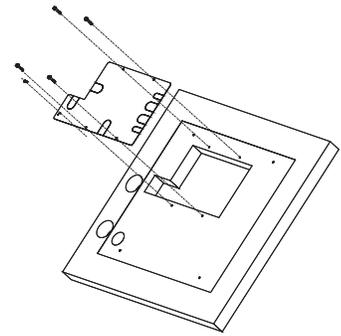
## J-bolt Fasteners UPE Series Enclosures

1. Remove the knockouts in each corner of the plate for the J-bolts.
2. Insert J-bolt through corner hole, place flat washer and split washer over J-bolt and thread wing nut onto J-bolt.
3. Repeat for the remaining corners.
4. Place plate onto pad opening and rotate J-bolts until the end latches onto the underside of the pad and tighten each wing nut.
5. Remove cable knockouts as needed, file and /or sand the opening to remove any sharp edges or points.
6. Seal behind cable(s) with expanding foam.



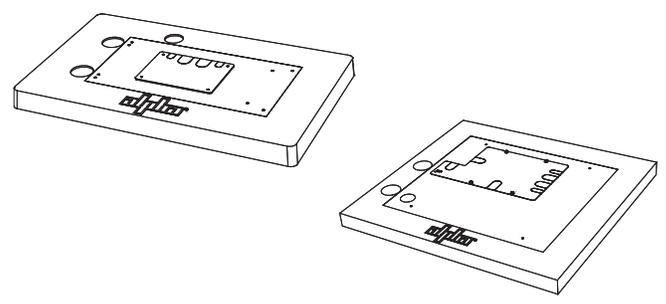
## Anchor Bolt Fasteners, FPE Series Enclosures

1. Position the plate over the through-holes in the pad.
2. Insert the four 1-7/8" anchor bolts into the holes.
3. Use a 1/2" socket on a torque wrench to tighten each bolt to 16 ft-lb.
4. Remove cable knockouts as needed, file and /or sand the opening to remove any sharp edges or points.
5. Seal behind cable(s) with expanding foam.



## Adhesive Bonding (Precast Concrete Pad)

1. Pretreat the aluminum plate by degreasing, abrading and degreasing again.
2. Pretreat the concrete pad by drying thoroughly, cleaning with a wire brush and removing all loose particles.
3. Remove the necessary cable knockouts, file and /or sand the opening to remove any sharp edges or points.
4. Run a bead of construction adhesive or epoxy (*suitable for use with aluminum and concrete in wet environments*) around the edge of the plate.
5. Place plate on opening and let the adhesive dry.
6. Seal behind cable(s) with expanding foam.



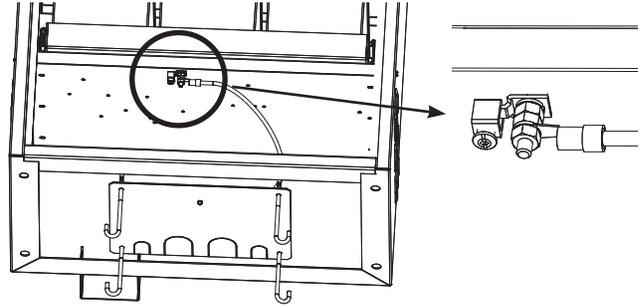
## WARNING! ELECTRICAL HAZARD

If any of the AC service cables are routed through the plate, it is necessary to ground the plate for the safety of the technician or user. See next page for installation instructions.

# Pest Shield Grounding Instructions

## Attaching the ground wire to the battery tray stud (UPE Series Enclosures)

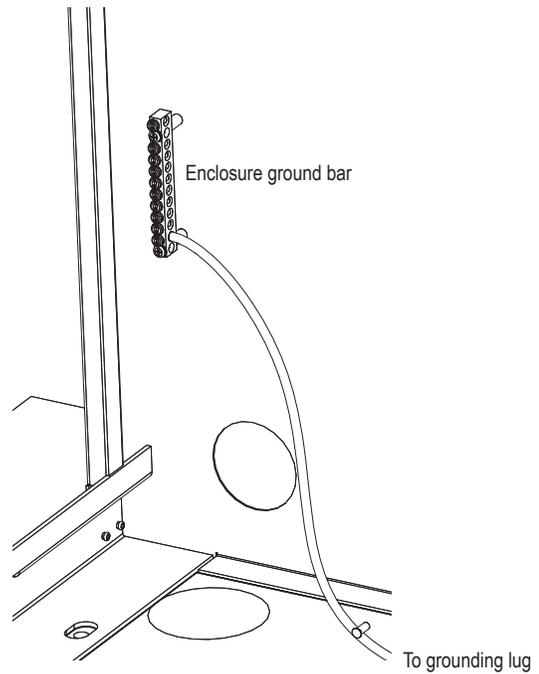
Typically, the mounting hardware is already on the ground stud, located on the lower battery shelf of the enclosure. To install the ground wire, remove the hardware and add the ground wire per the stack-up diagram.



## Attaching the ground wire to the enclosure ground bar (FPE Series Enclosures)

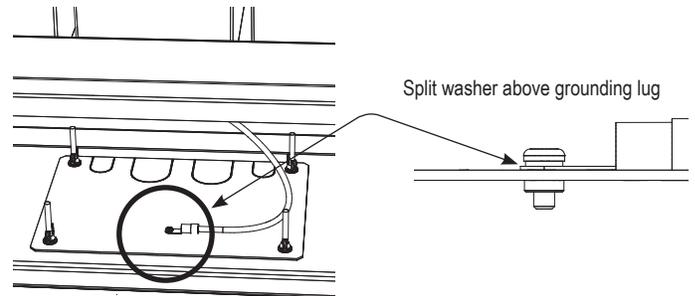
Connect the ground wire from the ring lug to the enclosure ground bar and tighten to the torque in the table below.

Wire Gauge	Material	Torque Spec
#8	Cu or Al	25 inch pounds



## Attaching the ground wire to the blocking plate (applies to both UPE and FPE Series Enclosures)

Use the provided #8 screw to attach the ring lug to the rodent shield at the marked grounding location.



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