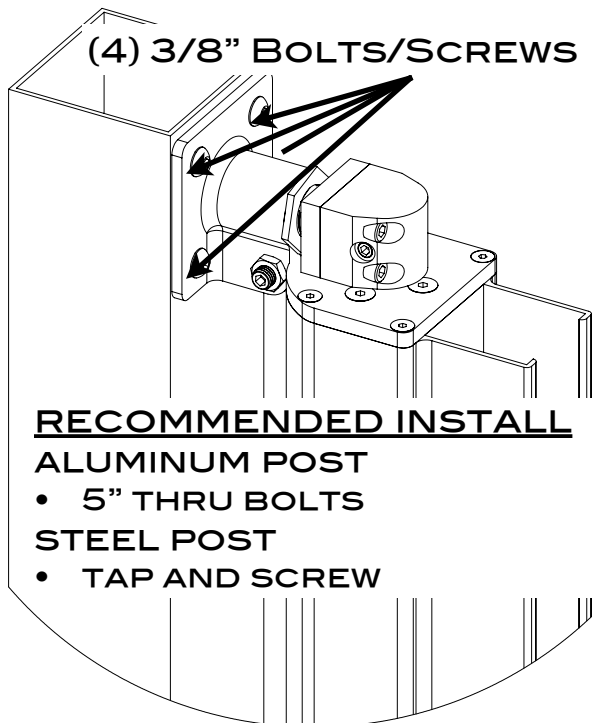
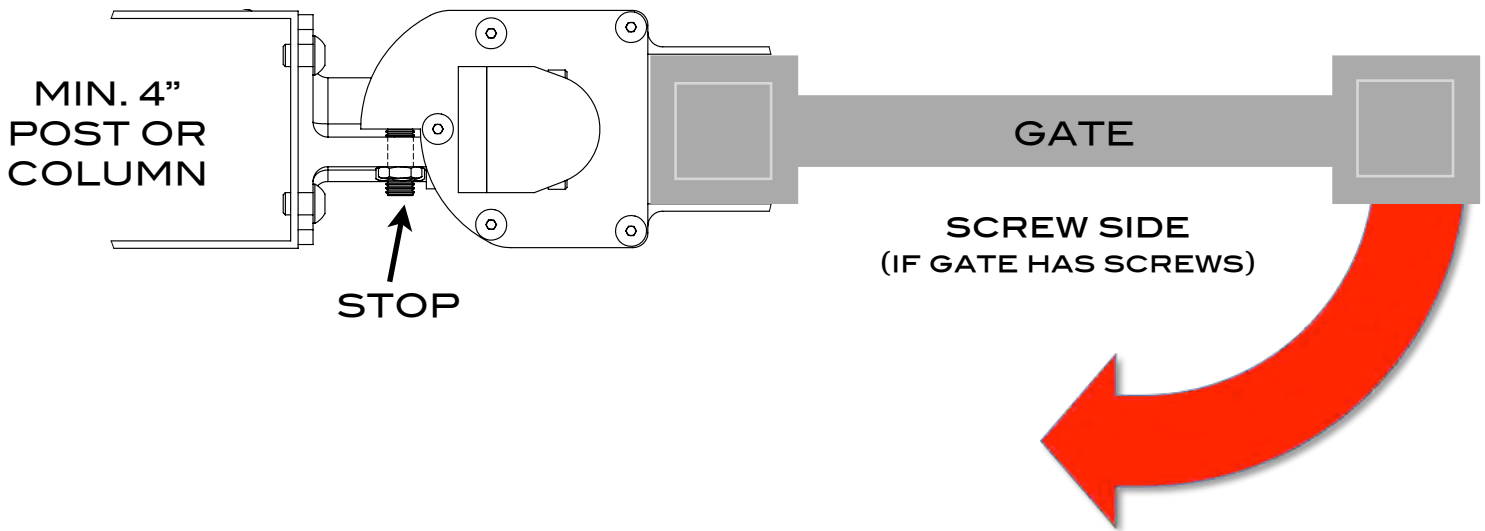


ULTRA REVOLUTION AUTOMATIC GATE INSTALLATION

BEFORE HANGING YOUR GATE PLEASE NOTE THAT EACH GATE LEAF IS BUILT TO OPEN ONE DIRECTION.

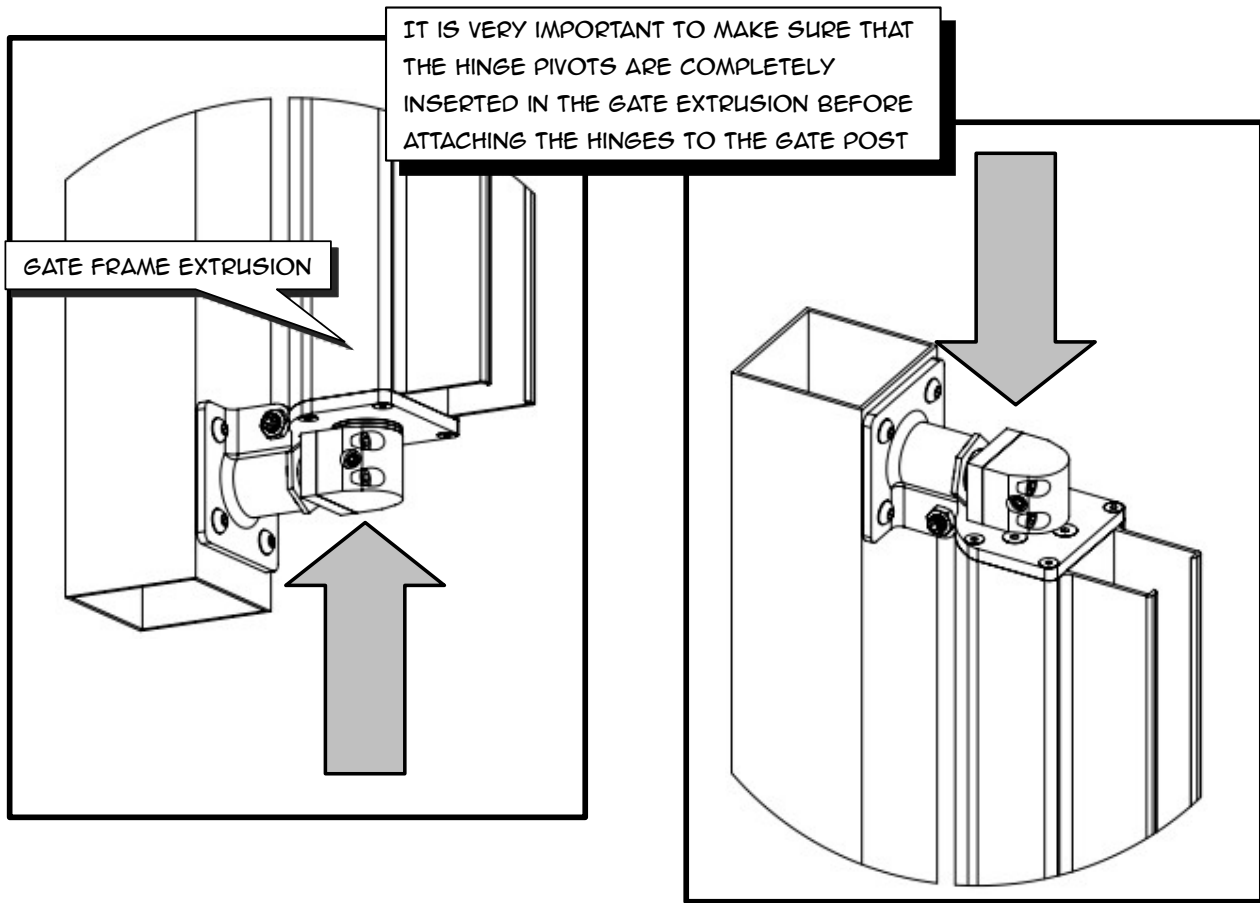
THE ADJUSTABLE STOP WILL ALWAYS BE ON THE SAME SIDE THAT THE GATE LEAF WILL OPEN.



HANGING THE GATE IS SIMILAR TO HANGING A STANDARD ULTRA GATE. THE MOUNTING PLATE IS 4" SQUARE AND TAKES 3/8" BOLTS/SCREWS.

ONCE YOU HAVE DECIDED WHERE ON THE POST YOU WANT YOUR GATE MOUNTED MARK AND INSTALL THE BOTTOM HINGE FIRST.

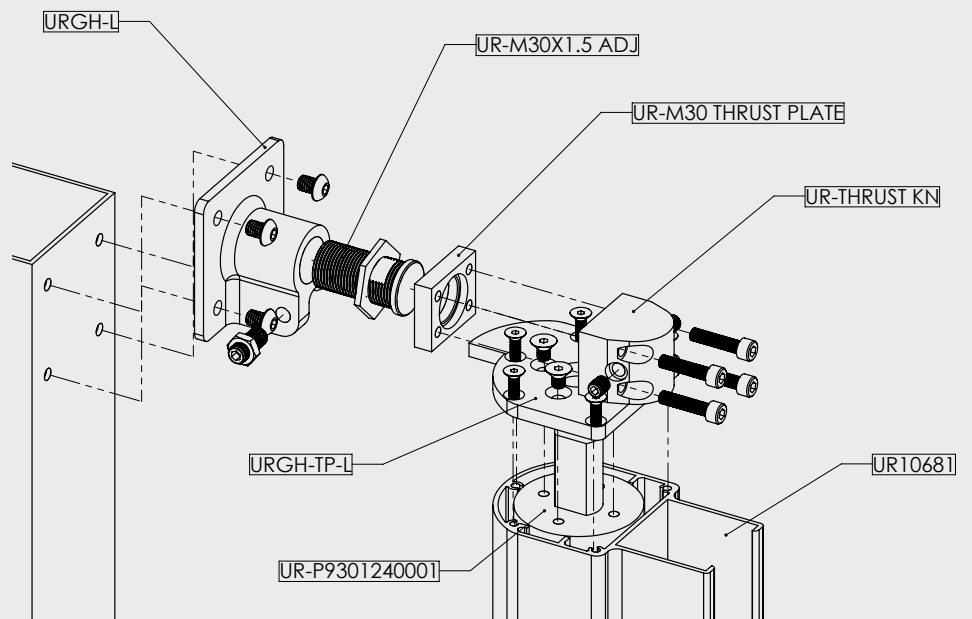
THE HINGE PIVOTS SO YOU CAN PLACE THE GATE IN THE HINGE, RAISE IT UPRIGHT AND MARK THE HOLES FOR THE TOP HINGE.

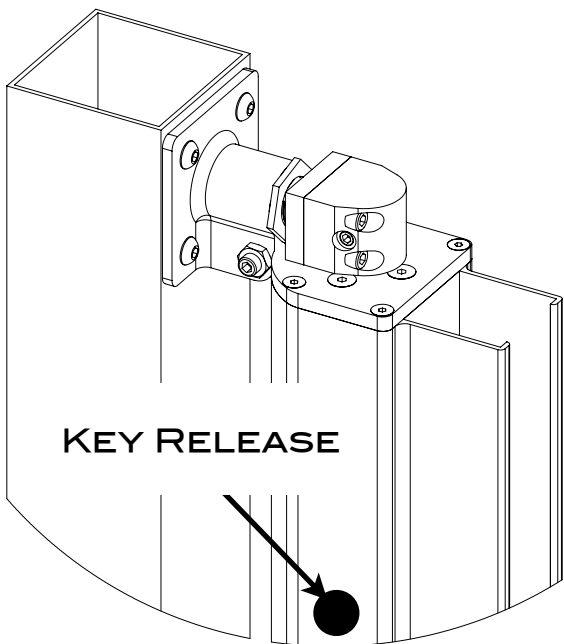


THE ADJUSTABLE HINGES COME ASSEMBLED AND MOUNTED TO THE GATE. THEY ARE MADE OF A PLATE THAT MOUNTS TO THE POST (URGH-L) & AN ADJUSTABLE BOLT THAT CONNECTS THE PLATE TO THE MOTOR THRU THE THRUST PLATE (UR-M30/UR THRUST KN).

THE THRUST PLATE CONNECTS TO THE TOP OF THE MOTOR. IT CLAMPS DOWN WITH (4) 6 MM METRIC SCREWS AND (2) 6 MM SET SCREWS ON THE SIDE.

NOTE: ONCE YOU HAVE MOUNTED THE PLATE TO THE POST YOU CAN REMOVE THE SCREWS AND LAY THE GATE DOWN TO SERVICE IT IF NEEDED. NO NEED TO TAKE THE HINGE PLATE OFF THE POST.

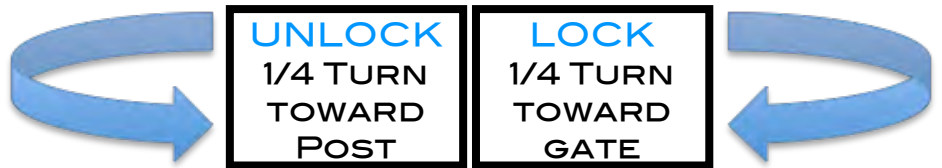




MOTOR KEY RELEASE

THE 3RD GENERATION REVOLUTION COMES WITH A KEY RELEASE FOR THE MOTOR. IT IS INSTALLED AT THE BOTTOM OF THE MOTOR IN THE EXTRUSION. TO RELEASE THE MOTOR TURN THE KEY TOWARD THE HINGE POST. THE GATE LEAF CAN BE OPERATED MANUALLY.

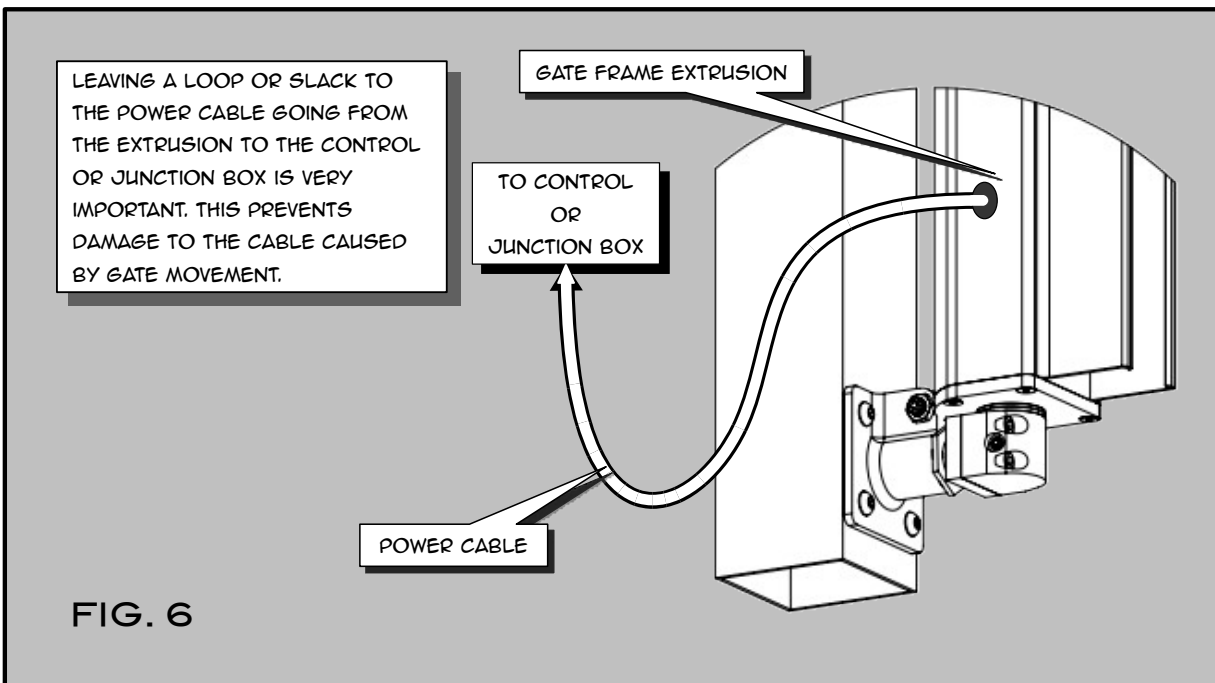
DON'T FORGET TO LOCK IT BACK OR THE GATE MOTOR WILL NOT OPERATE PROPERLY. THIS CAN CAUSE DAMAGE TO THE GEARS.



DON'T FORCE THE KEY! IF YOU TURN IT MORE THAN 1/4 TURN YOU RISK SPINNING OUT THE KEY RELEASE. THIS CAN ONLY BE FIXED BY REMOVING THE MOTOR AND ADJUSTING THE KEY RELEASE.

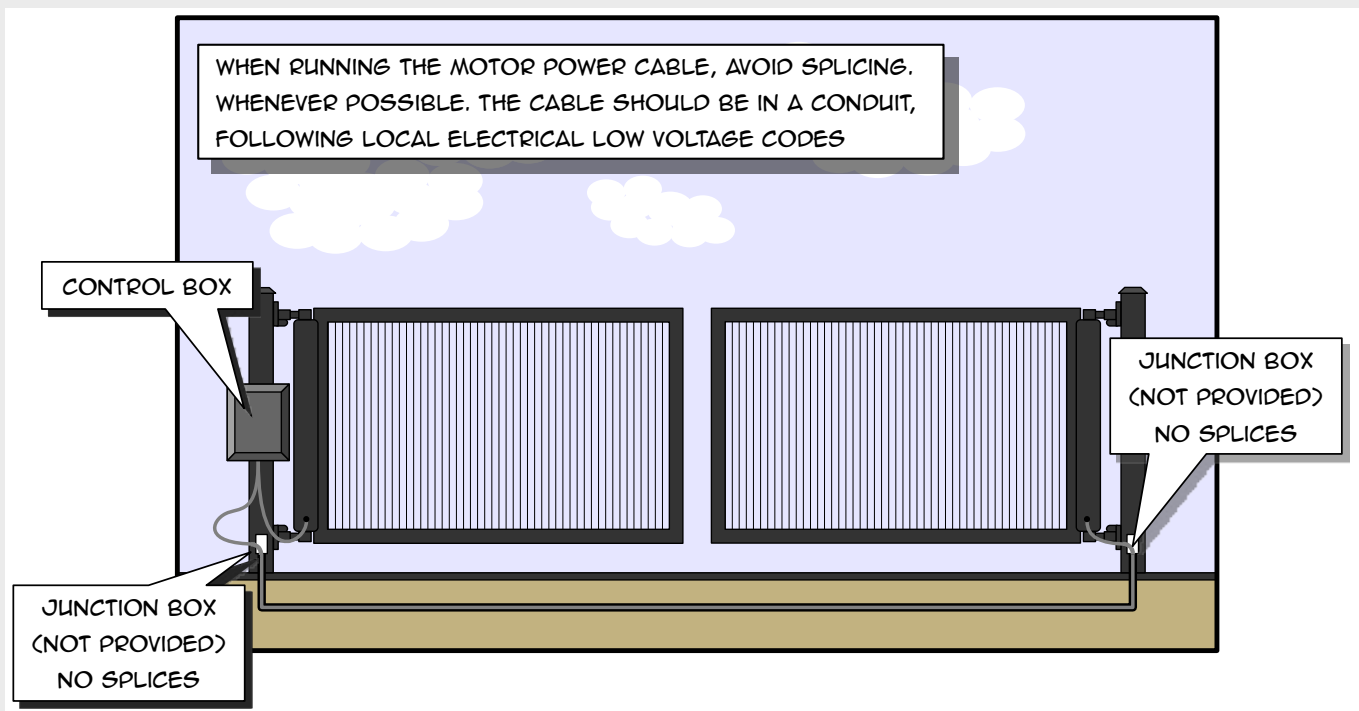
MOTOR WIRES

THE REVOLUTION HIDE MOTOR IS INSTALLED INSIDE THE ULTRA EXTRUSION WELDED TO THE GATE UPRIGHT. THE MOTOR WIRE COMES OUT OF THE EXTRUSION NEAR THE BOTTOM OF GATE. (FIG. 6)



RUNNING WIRES TO THE CONTROL BOX

AS SEEN IN FIG. 6 THE MOTOR WIRE COMES OUT OF THE GATE FRAME EXTRUSION. ONE OF THE MOST COMMON WAYS IS TO RUN THE MOTOR WIRES TO A NEARBY JUNCTION BOX (NOT PROVIDED.) REGARDLESS OF WHAT YOU USE TO DIRECT THE WIRES INTO THE CONDUIT, MAKE SURE YOU LEAVE SOME SLACK IN THE WIRE TO AVOID ANY KINKING OR TWISTING. IT IS ALSO RECOMMENDED TO USE A CORD CONNECTOR TO DIRECT THE WIRE TO THE JUNCTION BOX. THIS WILL HOLD THE END OF THE WIRE IN PLACE. IF AT ALL POSSIBLE AVOID SPLICING THE WIRES IN THE JUNCTION BOX. FISH THEM THROUGH THE CONDUIT.



THE WIRE IS 1/4" THICK SO KEEP THAT IN MIND WHEN RUNNING CONDUIT. ALSO, NEVER RUN 110V WIRE AND LOW VOLTAGE WIRE IN THE SAME CONDUIT AND PREFERABLY IN THE SAME TRENCH.

IN TYPICAL INSTALLATIONS, THE MAGLOCK WIRE (IF INSTALLED) IS THE ONLY OTHER WIRE THAT WILL BE COMING OUT OF THE EXTRUSION. THIS IS INSTALLED ON THE CONTROL BOX SIDE BY ULTRA. THE EASIEST SIDE TO PLACE THE 14X12 CONTROL BOX IS ON THE SAME SIDE AS YOUR ELECTRICAL, PHOTO EYE AND KEYPAD (IF APPLICABLE.)

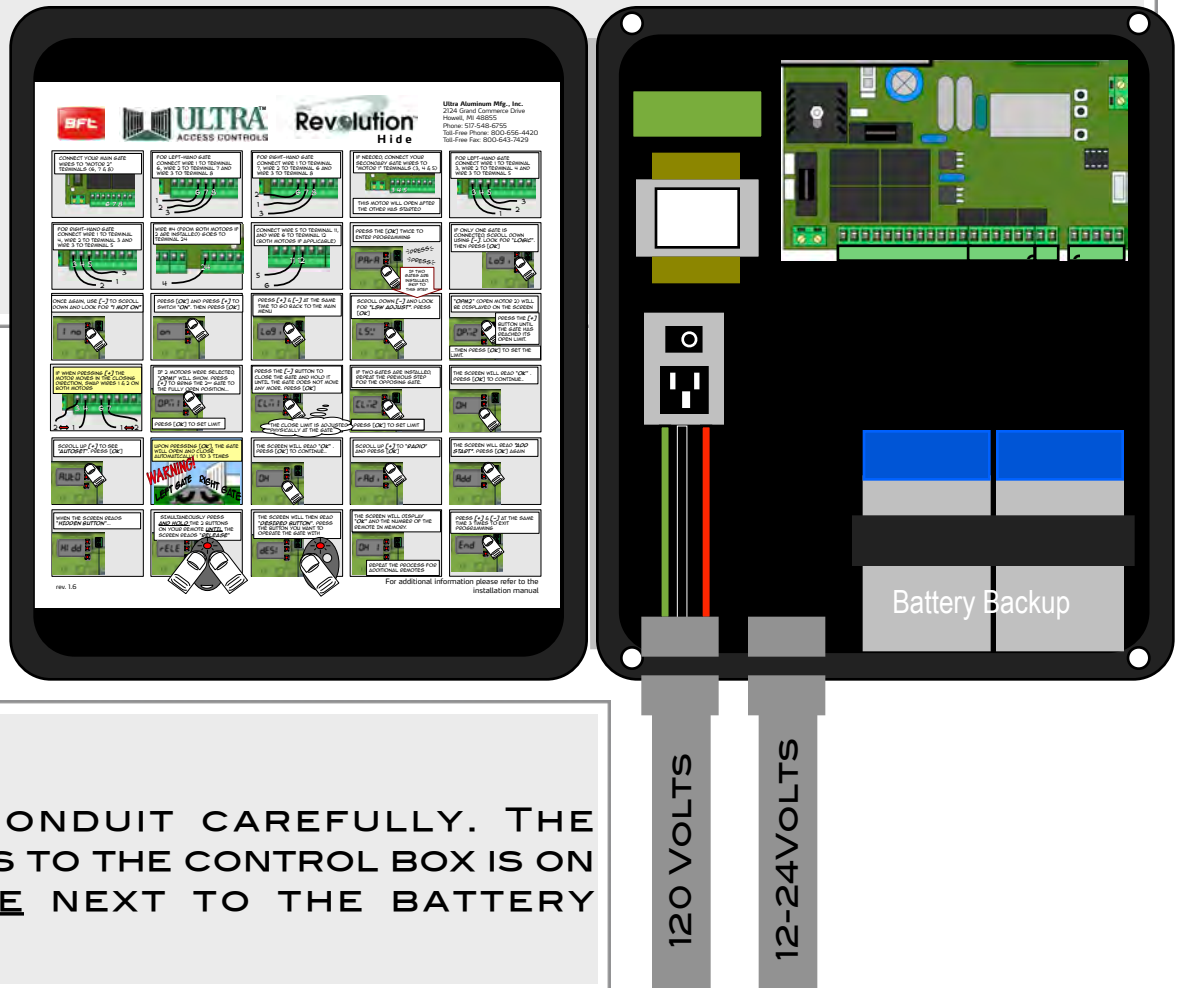
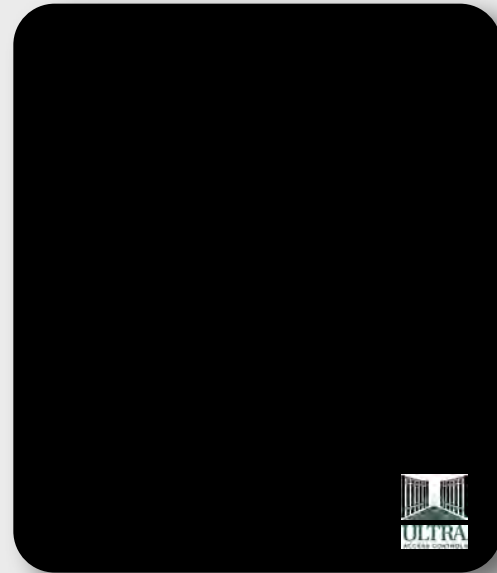
MOUNTING THE CONTROL BOX

THE REVOLUTION HIDE CONTROL BOX IS 14" H X 12" WIDE AND HINGES ON THE LEFT SIDE. THE CONTROL BOX IS MEANT TO BE FLUSH MOUNTED. TO ACCESS THE (4) SCREW HOLES LOCATED IN THE CORNERS YOU WILL NEED TO OPEN THE DOOR.

WHAT YOU MOUNT THE BOX TO WILL DETERMINE WHAT FASTENERS TO USE. IT IS RECOMMENDED TO ATTACH USING ALL (4) SCREW HOLES. SELF TAPPING SCREWS FOR ALUMINUM AND STEEL POSTS (DRILL PILOT HOLE.) IF MOUNTING TO A COLUMN MAKE SURE YOU CAN GET A SOLID CONNECTION WITH THE BRICK OR STONE AND THAT IT IS FLAT.

THE MOTORS COME WITH 30' OF CABLE. KEEP THAT IN MIND WHEN MOUNTING THE CONTROL BOX. THE MOTOR WIRE IS A SPECIFIC WIRE AND

MAY BE DIFFICULT TO FIND IN THE FIELD. EXTRA WIRE IS AVAILABLE THROUGH ULTRA.



CONDUIT

PLAN YOUR CONDUIT CAREFULLY. THE EASIEST ACCESS TO THE CONTROL BOX IS ON THE LEFT SIDE NEXT TO THE BATTERY BACKUP.