

Series 3 Technician's Installation and Service Training Manual

Controller Case Mounting Instruction



Warning Electrical Shock Hazard

To prevent serious injury or death always ensure power is disconnected when wiring anything into the ZAP Controller.

Tools required

Slotted screwdriver, Drill, 6" long Phillips driver bit, Phillips screwdriver, Appropriate mounting fasteners.

Using a standard screwdriver, insert it into the cover retaining screws located in each corner of the controller (Figure A), and loosen the retaining screws to open the case lid. (Figure B)

Using a general purpose screw with a head diameter small enough to fit into the corner pillars of the controller, mount the controller a minimum of 5' above the ground. Do not mount through the back of the controller case by removing the circuit board as this may allow moisture to enter the controller or short circuit the control board if it touches the fastener used. Mounting through the back of the controller case will void the manufacturers' warranty if damage occurs. (Figure C & D)

Only mount the controller with the conduit access knock-out or pre-drilled access holes pointed down. Only use the knock-out hole to introduce conduit or wiring into the controller. Moisture can and will condense in conduit due to the warmth generated by the controller. If the controller is mounted upside down and conduit is not used, any liquid spilled on top of the controller can enter into the controller and drip the board causing a short circuit. Introducing conduit in any fashion other than from the bottom of the controller will void the manufacturers' warranty if damage occurs.

You are not limited to mounting the controller at the five foot height. The controller may be mounted high by the operator or remotely, as long as the distance away from the operator does not exceed the length of the provided motor cable. (Figure E)

A remote wall station control may then be run in a series from the controller. See remote wall station wiring page.



Figure A



Figure E



Figure B

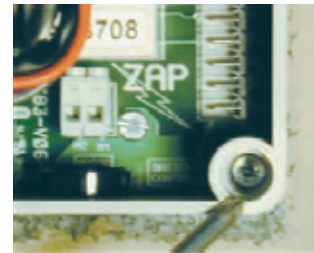


Figure C

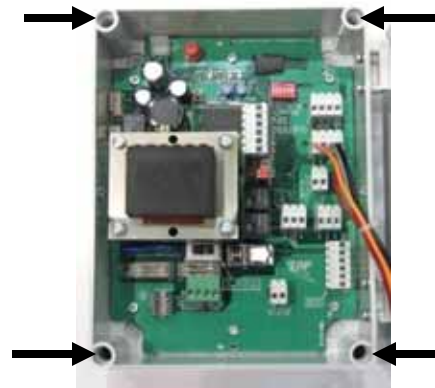


Figure D

ZAP Series 3 Simply Logical

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