

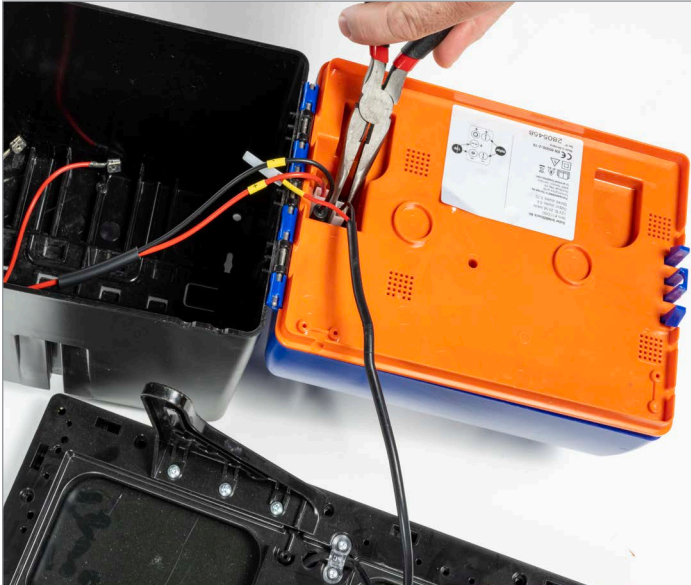
Solar IntelliShock 30, 60, 100, 120 and 180 Energizers

How-to Replace the Circuit Board

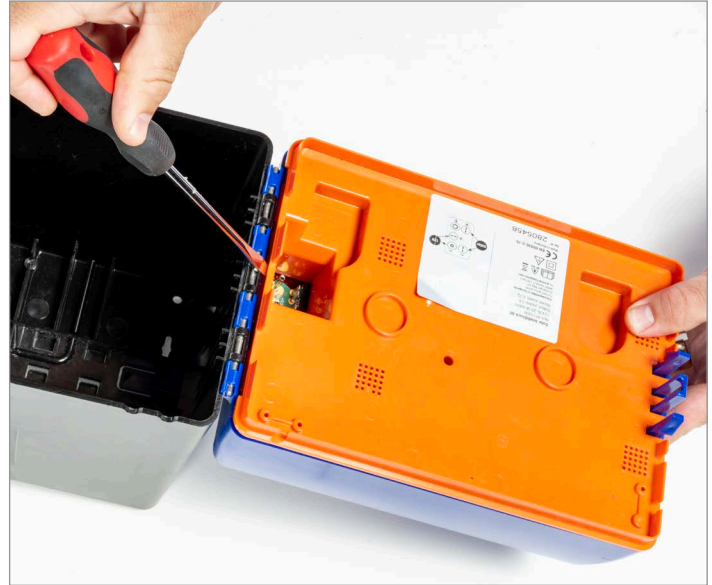
#60853 | #60873 | #60876 | #60880 | #60881 | #60882



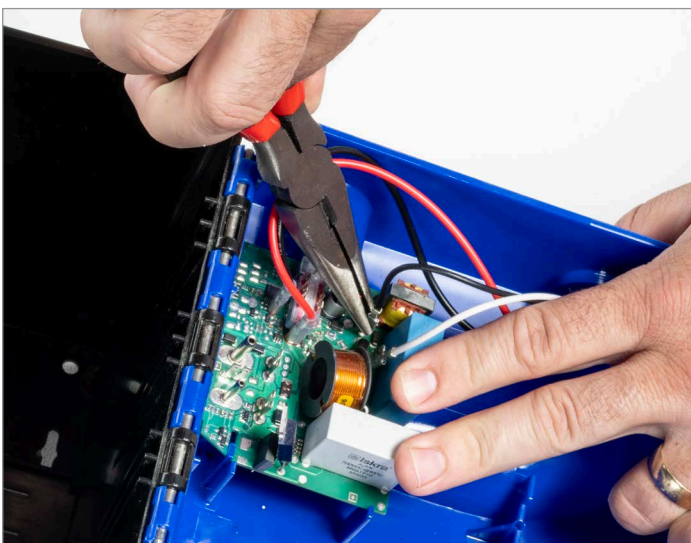
How-to Video
Listed under:
Fencing and Solar
IntelliShock PCB
Replacement



1. Open the energizer case. Using needle nose pliers, remove the solar panel and battery connections from the circuit board.
Caution: Do not pull on the insulated portion of the wire, only the metal spades.



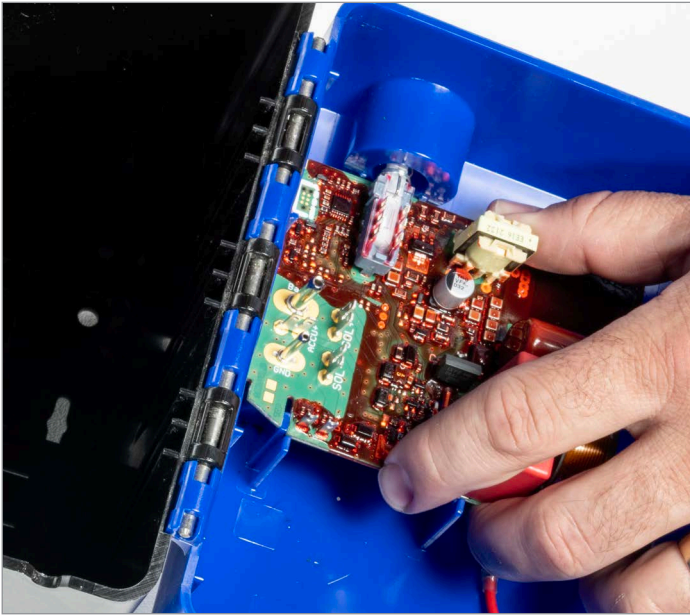
2. Using a standard (flat) screwdriver, insert the tip under the cover where the energizer's lid hinges/connects to the base. Pry off the cover.



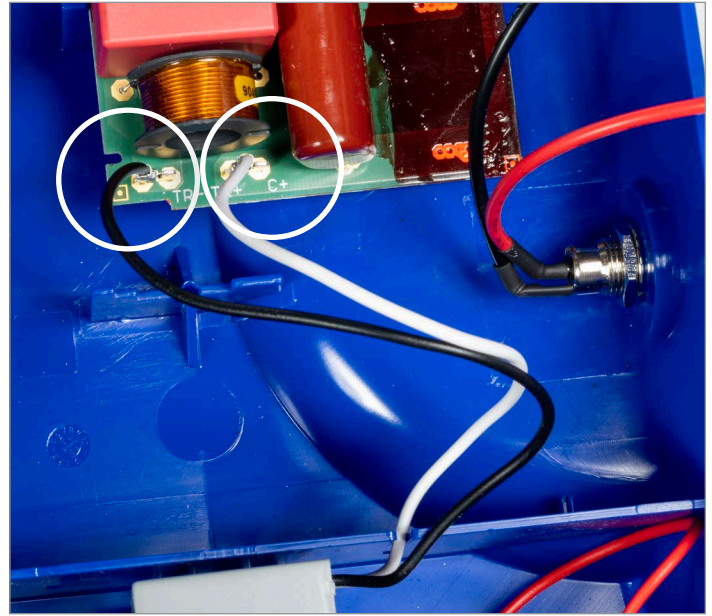
3. Disconnect any wires connected to the circuit board. There will be two from the transformer and possibly two from the external charging port.
Note: original Solar IntelliShock units lack this port and may skip this step.



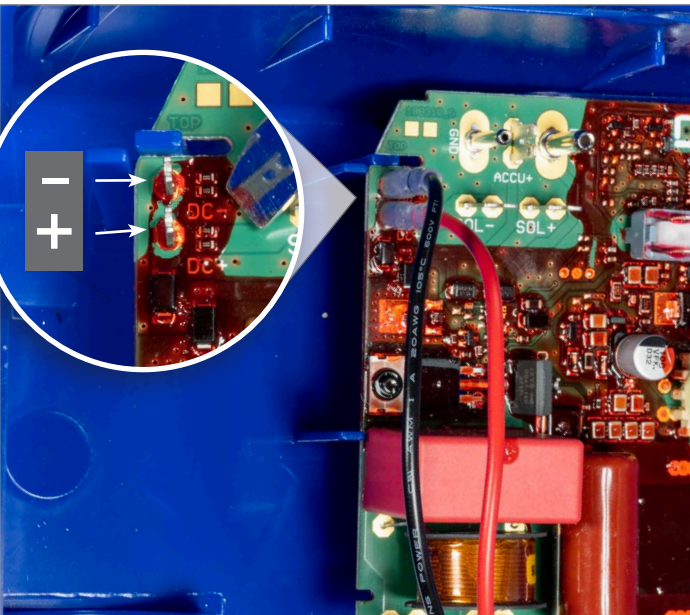
4. Remove old board by lifting the rear and pulling away from power button. Button will pop loose.



5. Insert new board and replace button. Press button in place as if you were turning on the energizer. Make sure button is in off position (sticking out).



6. Connect black transformer to lead to top left spade terminal. Connect white lead to spade terminal that's just above the capacitor.



7. IntelliShock units without the external charging port may skip this step. Connect black port lead to "-" spade at top right of board. Connect red port lead to "+" spade just to the left of the "-" spade. Board spades are marked in fine print to indicate polarity.



8. Replace cover. Reconnect solar panel and battery as indicated on the diagram sticker on the lid.



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