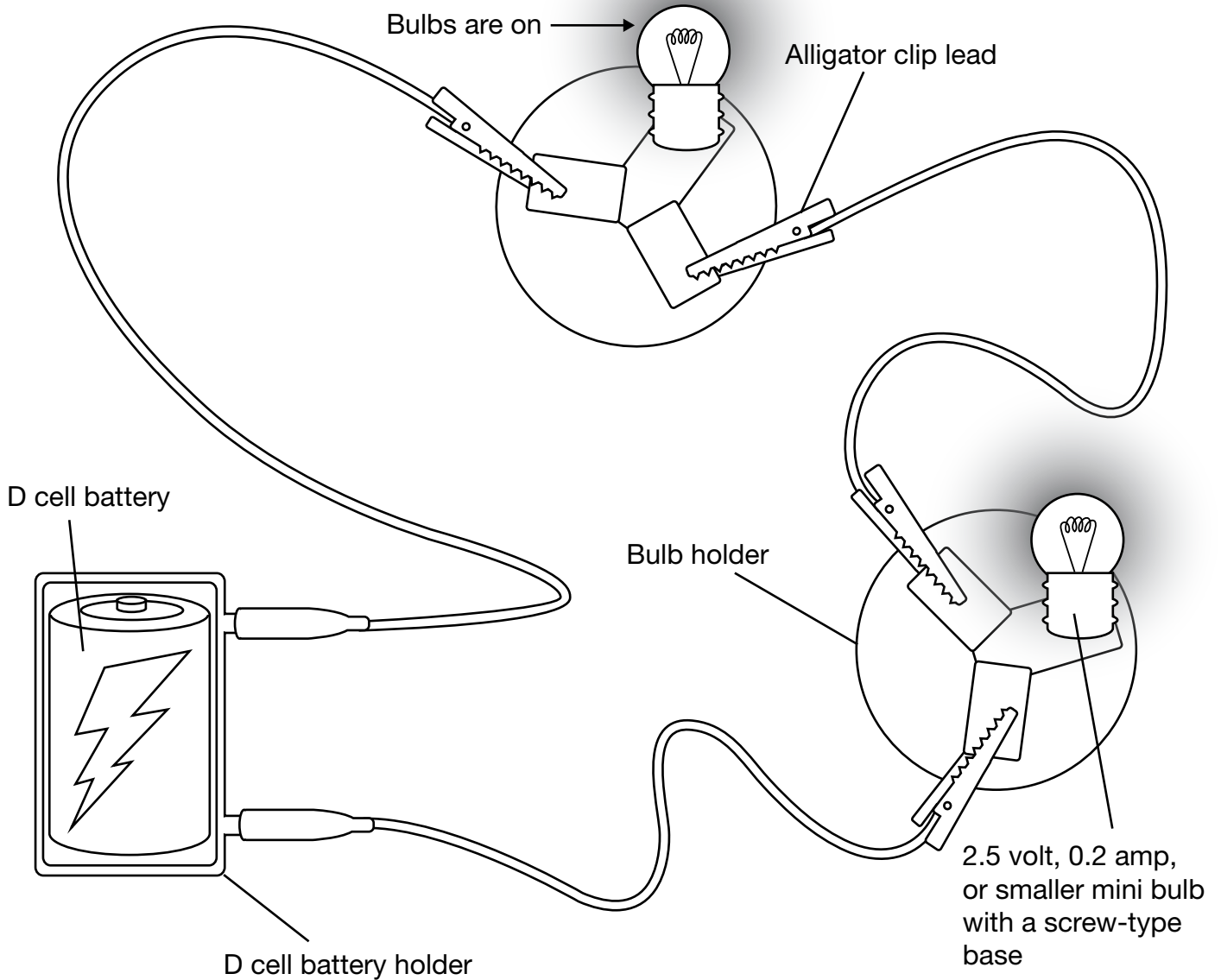


How to Build a Series Circuit

Follow the instructions below to build a series circuit.



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How to Build a Series Circuit, continued

Materials:

- 1 D cell battery holder
- 1 D cell battery
- 2 Bulb holders
- 2 2.5 volt, 0.2 amp, or smaller bulb with a screw-type base
- 3 Alligator clip leads

- ➊ Place the battery in the battery holder with the negative end of the battery against the side with the spring.
- ➋ Carefully twist a bulb into each bulb holder.
- ➌ Attach one end of a lead to one terminal of the battery holder and the other end from the same lead to a terminal on one of the bulb holders.
- ➍ Connect a second lead to the second terminal on the same bulb holder.
- ➎ Connect the other end of the second lead to a terminal on the second bulb holder.
- ➏ Connect the third lead to the last terminal on the second bulb holder and then to the open terminal on the battery holder.
- ➐ If the connections are correct, the circuit will be complete and the bulb will light.