

castle CONNECTOR

Assembly Instructions

1. Expose and tin 3/16" of the ends of all wires.
2. Push wires through plastic housings. Please observe polarity markings on the housings. The barrel connectors must be used on the battery side of the connection. Bullets are used on the load side.
3. Fix bullets and barrels in a drilled block of wood such that the solder cup is facing up.
4. Use soldering iron to melt a moderate amount of solder into the rear cups of the bullets and barrels.
5. Hold the wire with pliers near the end being soldered. Place the end of the wire into the cup. Hold the soldering iron against the tinned portion of the wire (or slip the point of the iron into the side hole on the barrels) to melt the solder in both the cup and the wire. The wire should slip into the cup without solder overflowing the cup. **Do not allow solder to flow on the outside of the bullets or barrels.** If solder does overflow, use solder removal tape to wick the excess away. The bullets and barrels will not fit into the housings if there are solder blobs on them.
6. Once the wire and connector are cool, push or pull the attached bullet or barrel completely into the housing. You may have to use a small piece of dowel and a hammer to tap them into place.

Please visit castlecreations.com/connector for detailed photo and video instructions.

