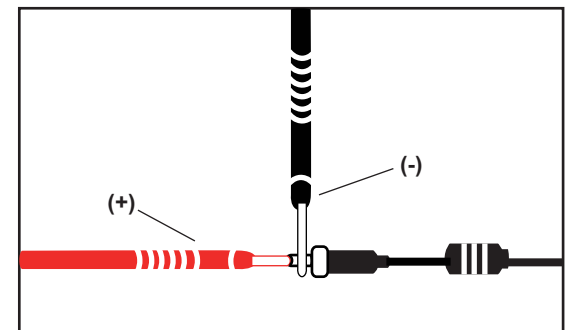


Wire Length & AWG Table

	0-50 ft	50-100 ft	100-180 ft	180-300 ft
24V Transformer	18 AWG	16 AWG	14 AWG	12 AWG

* if run length exceeds 200' consider installing a junction box



After completing the splice, run a multimeter check by inserting the positive probe inside the barrel connector and making contact with the negative probe on the outside of the barrel connector. Check for correct polarity and continuity.

Remember to keep a small section of white sheathe on the inner positive conductor to ensure that no stray wires from the outer negative conductor make contact and cause a short.