

(✓) Also at BO#7, cut all but 4" from the red-white wire, and all but 3" from the violet-white wire.

(✓) At BO#8, cut all but 6" from the black-white wire and all but 6-1/2" from the brown-white wire. Pass these two wires through grommet AB for connection later.

(✓) At BO#9, cut all but 4" from the red wire.

NOTE: The wires cut from the cable assembly should be used for the following steps. Cut the wires to the length called for, then strip 1/2" insulation from the ends of the wires that connect to terminals, and 1/4" insulation from other wires.

The terminals in the circuit board are numbered to correspond to the wire colors of the cable assembly. The color-number relationship is based on the resistor color code; brown = 1, red = 2, orange = 3, etc. For instances, a red wire will go to a #2 terminal, and an orange wire to a #3 terminal, etc. Wires with a single color stripe and a white background are in the 10 series numbers; a black-white wire will go to a #10 terminal, an orange-white wire to a #13 terminal, etc. Wires with two like color stripes and a white background are in the 20 series numbers; a green-green-white wire would go to a #25 terminal, a blue-blue-white wire to a #26 terminal, etc.

(✓) Connect a 5" red wire from terminal 2 in section 5C (NS) to lug 3 of the Power plug (NS).

NOTE: Use the short black-white and brown-white wires for the following two steps.

(✓) Connect a 3" black-white wire from terminal 10 in section 5C (S-1) to lug 6 of the Power plug (NS).

(✓) Connect a 3-1/2" brown-white wire from terminal 11 in section 5C (S-1) to lug 7 of the Power plug (NS).

(✓) Connect one end of a 6" violet-white wire to terminal 17 in section 4A (S-1). Pass the other end through grommet AA for connection later.

(✓) Connect one end of the long brown-white wire to terminal 11 in section 3A (NS). Pass the other end through grommet AB for connection later. Position as shown in Pictorial 14.

(✓) Connect one end of the long black-white wire to terminal 10 in section 1A (NS). Pass the other end through grommet AB for connection later. Position as shown in Pictorial 14.

(✓) Connect a 3" red wire from terminal 2 in section 3B (S-1) to terminal 2 in section 1B (NS).

(✓) Connect an 8" green-white wire from terminal 15 in section 1B (S-1) to lug 2 of the Mic connector (NS).

(✓) Connect a 2" white wire from terminal 9 in section 2C (S-1) to lug 3 of the Tune Level control (NS).

The remaining red-white wire will be used later.

NOTE: The stripped end of the cable assembly wires are correct for connecting to circuit board solder terminals, but are too long for control and switch lugs, and should be cut to the desired lengths when making connections.

Connect the cable assembly wires from BO#1 as follows:

(✓) White to lug 3 of the Tune Level control (S-2).

(✓) Green-white to lug 2 of the Mic connector (S-3).

(✓) Violet to terminal 7 in section 1B (S-1).

(✓) Brown to terminal 1 in section 1C (S-2).

(✓) Gray to terminal 8 in section 2C (S-1).

Connect the cable assembly wires from BO#2 as follows:

(✓) Two black-white to pin 6 of the Power plug (S-3). Be sure enough solder flows into the Power plug pin to solder all three wires. After the connection has cooled, pull on each of the wires from inside the chassis to see that all are soldered.