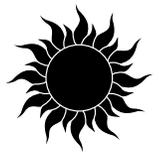


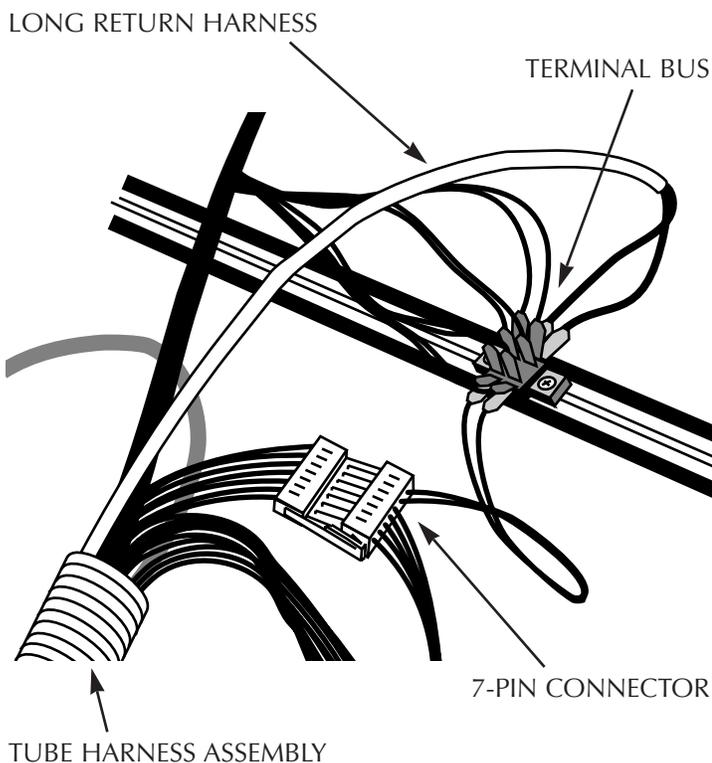
## Procedure for Installation of Supplemental Return Wiring for the F-model SunStar® ZX40 and ZX44



Since it is necessary to alter the electrical wiring inside your sunbed, it is recommended that you hire a licensed electrician to perform this procedure. Any service performed by an unauthorized service person may void your warranty.

Follow the modified schematic wiring diagrams included with this kit, along with the original schematic diagrams sent with the sunbed, to help with tracing wires. In this kit you should have a long and a short power cord, two 7-pin connectors, and a 9-pin connector.

**Step 1** Remove the canopy cover, if not already removed. In the rear of the sunbed you will find the tube harness assembly (see illustration below). Replace the 7-pin Wago connector attached to a wiring harness running out of the tube with one of the new 7-pin connectors supplied with this kit. Pay special attention to the position of the wires.



**STEPS 1 & 2**

**Step 2** Directly above the electrical harness tube, is a twelve pole terminal bus. This bus handles the return lines from the tanning lamps. Two wires run from this terminal bus to the seven conductor harness. There are two open terminals on the bus. Plug one end of the 9' return harness, supplied in this kit, onto the two open terminals. Feed the return harness down the tube and pull the other end out from under the sunbed.

**Step 3** Now refer to the modified schematic for your sunbed. In the canopy ballast tray you will find the other end of the seven conductor harness. Again, remove the connector and replace with the new one.

**Step 4** Attached in the front of the tray are three capacitors with eight terminals each. You will notice one side of the capacitor contains black and red wires while the other side contains white and blue. Connect the long return harness from the canopy to two terminals on the capacitors on the white/blue side.

**Step 5** The short jumper harness included with this kit bypasses the 9-pin connector between the canopy tray and bench tray. Connect one end of the jumper harness to the white/blue side of the capacitors. On a ZX40 the other end will actually take the place of existing wires on the main contactor (R1) located in the bench tray.

**Step 6 (ZX40 only)** Find the two white lamp return lines from the 9-pin connector between the trays and trace them to the contactor terminals. Remove the return lines from the contactor and connect the loose end of the jumper harness to the same terminals. Completely remove the white return lines from the 9-pin connector and discard. Replace the 9-pin connector if necessary.

**Step 6 (ZX44 only)** Plug the loose end of the jumper harness to contactor (R2).

**Step 7** In order to balance out the electrical load on the capacitors, move one black wire (actually a double wire) from C1 to C3 (ZX40) or from C1 to C2 (ZX44).