



# Procedure for Installation or Replacement of Resistor Cable



**DISCONNECT POWER BEFORE STARTING THIS OR ANY SERVICE PROCEDURE REQUIRING THE REMOVAL OF PROTECTIVE COVERS.**

The resistor cable is a cable harness connected to the electronic timer inside your sun tanning unit. You must first locate the timer before you can install the resistor cable.

## Locating the Timer in a ZX32 Series Sunbed

Remove the cover from the canopy. To do so, simply pry off the colored profile strips, which run the length of the bed, both front and back, and pull the cover off. The cover slips under the endcaps at either end, and the power plate in the back, so some flexing is necessary to remove the cover. With the cover removed you will see the timer (A) near the foot end of the bed.

## Locating the Timer in a ZX40/44 Series Sunbed

The timer is located in the ballast tray under the bench. Remove the front access panel from the bench and pull the tray out. The timer (A) is in the front of the tray. Refer to the specific instructions for the ZX40/44 resistor cable replacement on the other side of this instruction sheet.

## Locating the Timer in a Booth

Looking at the front of the booth, remove the right, rear side panel. It is held in place with small, Phillips head screws. The timer (A) is located about eye level on the diagonal corner.

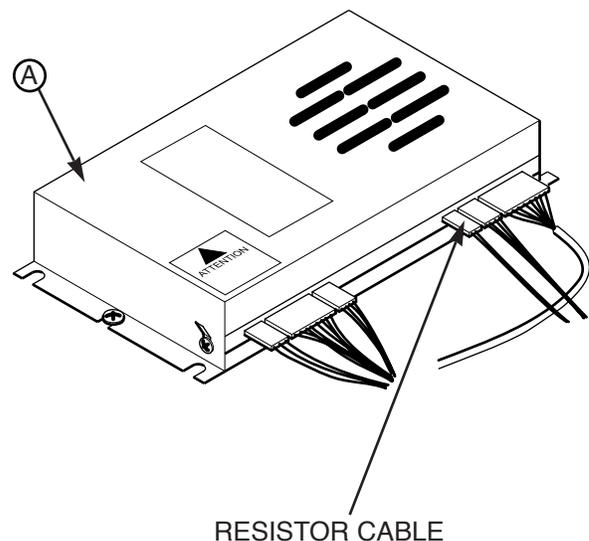
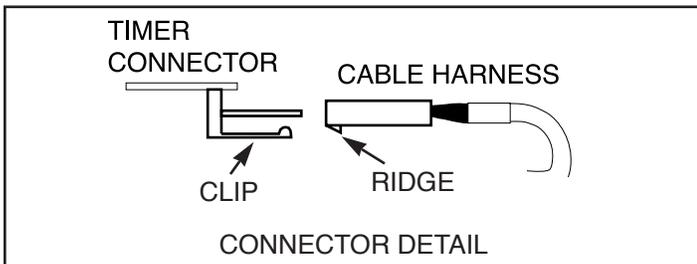
## Instructions for ZX32 Series and Booths

The resistor cable is the two-conductor cable harness located as shown on the timer. If you already have a resistor cable installed, disconnect the cable plugged into the timer box. A clip secures the connection (see *connector detail*). Gently pry the clip away from the connector as you pull the resistor cable.

Put this resistor cable aside and install the new one by reversing the previous directions. When plugging the cable harness into the new timer, notice the ridge on the front of the cable's connector. It must engage the clip on the timer's connector (see *Connector Detail*). The connection will click when seated properly.

**Locate the serial number for your sunbed/booth (usually near where the power cables exit the unit). If the model name reads "F-model name" or simply "model name" you have an "F-model" sunbed and you also need to replace the timer and timer display before you can use the unit. Refer to the instructions that came with the replacement timer and timer display before proceeding. If it reads "G-model name" or any letter later than "G", follow the instructions for "G-model".**

Use the supplied wire ties to secure the cable where necessary. Reinstall all covers, colored profile strips, etc.



**WARNING: Do not touch any metal connector pins with your hands. Static electricity from your body can be transmitted by these pins into the timer and potentially cause damage.**

Determine if you have an “F-model” or “G-model” sunbed (see note at right) and refer to the specific directions for your bed.

### Instructions for “F-model” ZX40/44 Series

The resistor cable (F) is the two-conductor cable harness, located as shown, which runs from the timer (A) to the limit switch (B). Disconnect the cable (F) from the timer. A clip secures the connection (see *connector detail*). Gently pry the clip away from the connector as you pull the resistor cable (F). The other end of the cable is connected to the limit switch (B) with push-on connectors. Simply pull the connectors from the switch (B). You may wish to remove the old cable by cutting the wire ties that hold it in place, however this is not necessary.

Install the new three-conductor resistor cable harness by reversing the previous directions. When plugging the cable harness into the timer, notice the ridge on the front of the cable’s connector. It must engage the clip on the timer’s connector (see *Connector Detail*). The connection will click when seated properly.

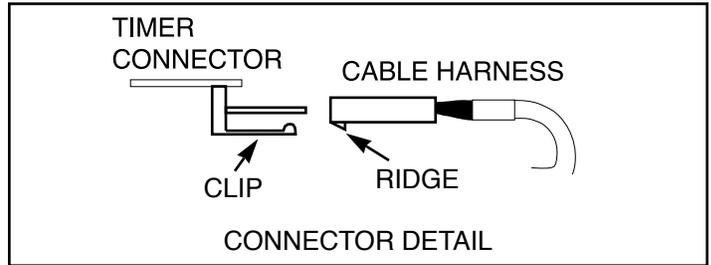
### Instructions for “G-model” ZX40/44 Series

The resistor cable (G) is the three-conductor cable harness, located as shown, which runs from the timer (A) to the limit switch (C). Disconnect the cable (G) from the timer (A). A clip secures the connection (see *connector detail*). Gently pry the clip away from the connector as you pull the resistor cable (G). The other end of the cable is connected to the limit switch (C) with screw connectors. Simply unscrew the connection screws a few turns and pull the connectors from the switch (C). You may wish to remove the old cable by cutting the wire ties that hold it in place, however this is not necessary.

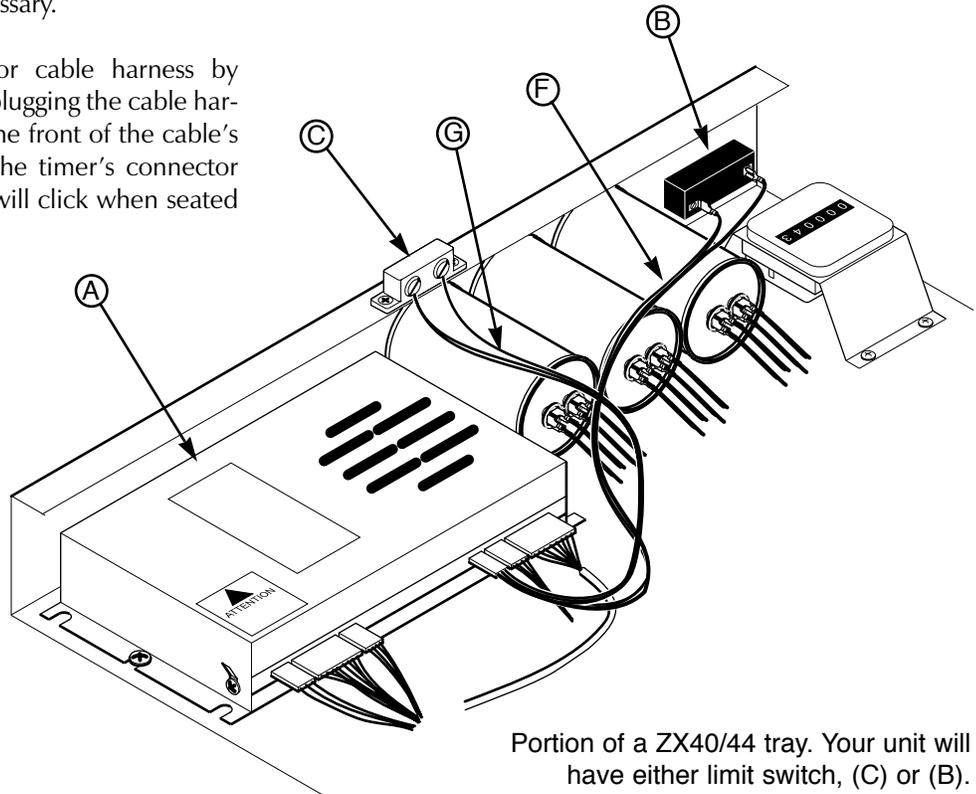
Install the new three-conductor resistor cable harness by reversing the previous directions. When plugging the cable harness into the timer, notice the ridge on the front of the cable’s connector. It must engage the clip on the timer’s connector (see *Connector Detail*). The connection will click when seated properly.

**Locate the serial number for your sunbed/booth (usually near where the power cables exit the unit). If the model name reads “F-model name” or simply “model name” you have an “F-model” sunbed and you also need to replace the timer and timer display before you can use the unit. Refer to the instructions that came with the replacement timer and timer display before proceeding. If it reads “G-model name” or any letter later than “G”, follow the instructions for “G-model”.**

If the sunbed is an “F-model”, refer to the instructions that came with the replacement timer (if not already done). If the sunbed is a “G-model”, finish any other service, push the tray under the bench and replace the front access panel.



**WARNING: Do not touch any metal connector pins with your hands. Static electricity from your body can be transmitted by these pins into the timer and potentially cause damage.**



Portion of a ZX40/44 tray. Your unit will have either limit switch, (C) or (B).