

TORO

PART NO. 73-5890

**INSTALLATION
INSTRUCTIONS****WIRE NUT AND EPOXY KIT****DANGER**

Never use a cable connector to install a replacement power pack that is 98 watts or larger. The connector can corrode and overheat, causing a potential fire hazard and personal injury. Always use a Wire Nut and Epoxy Kit to splice the replacement power pack into the main line of your Toro Lighting System. If you have any questions, phone: 612/887-7399.

Remove Cable Connector**CONTENTS OF KIT:**

Wire Nuts (2)
Epoxy Pack (1)
Twist Tie (1)

IMPORTANT: This wire nut and epoxy kit:

- Replaces the cable connector that you previously used to install a replacement power pack, or
- Is used to splice a replacement power pack into the main cable line of your Toro lighting system.

NOTE: If you previously replaced your power pack and used a cable connector (Fig. 1) for connecting the cables, refer to Remove Cable Connector instructions. If you are installing a replacement power pack, refer to Remove Power Pack From Main Cable, page 2.

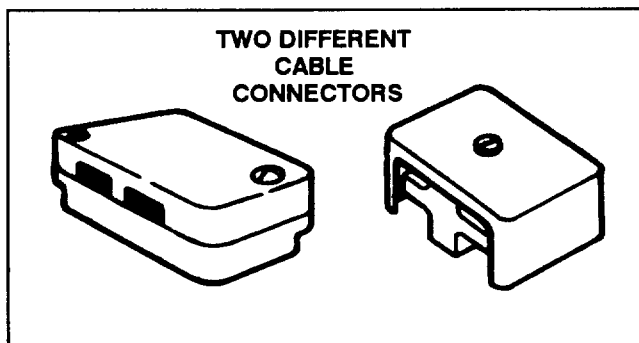


Figure 1

**DANGER**

Electric shock can be fatal. Unplug the power pack cord from the electrical outlet before removing the cable connector.

1. Cut both cables off about two inches away from the cable connector (Fig. 2) to eliminate any melted cable.
2. Dispose of the cable connector.
3. Skip the next instructions and refer to: Connect Cable Wires With Wire Nuts, page 2.

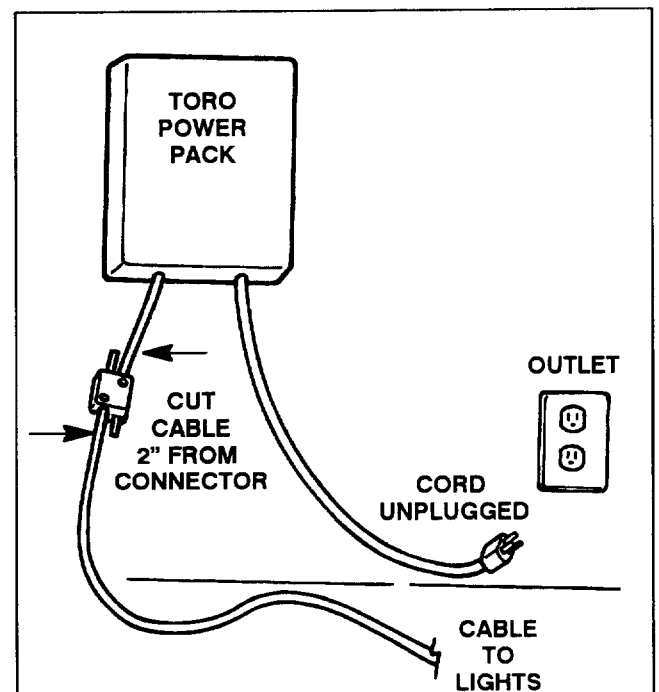


Figure 2

Remove Power Pack From Main Cable



DANGER

Electric shock can be fatal. Unplug the power pack cord from the electrical outlet before replacing the power pack.

1. If you are replacing a power pack that has quick disconnect terminals at the bottom (Fig. 3), simply unplug the cable terminals, mount the new power pack, reconnect the cable terminals to the power pack, and plug the cord into a 120 volt ac electrical outlet. Do not use any of the remaining instructions. If you have any other power pack, proceed to step 2.

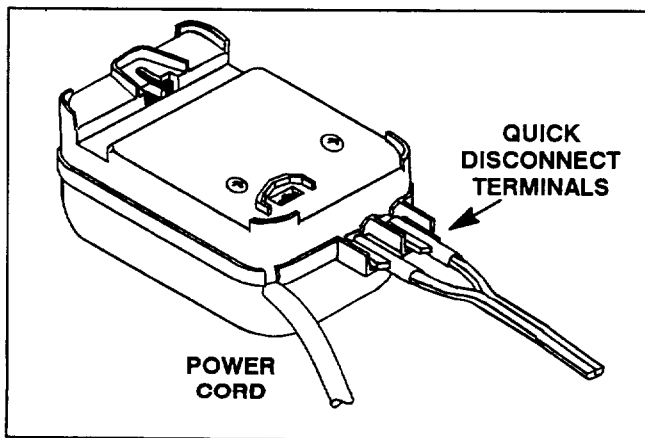


Figure 3

2. Cut the cable off near the original power pack (Fig. 4).

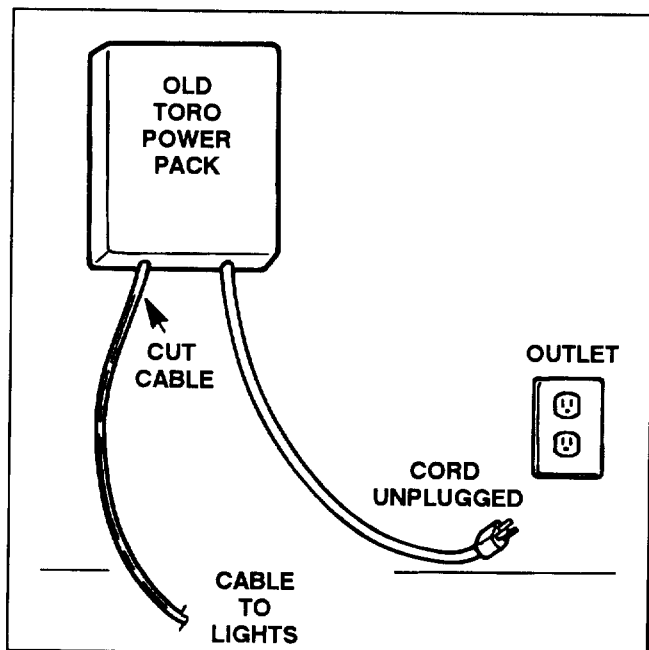


Figure 4

3. Refer to: Connect Cable Wires With Wire Nuts.

Connect Cable Wires With Wire Nuts

If you are installing the power pack on the outside of your house, connect the wires so you can bury and hide the splice in the ground, or under decorative rock or mulch. Mount the replacement power pack so the bottom of it is four feet above the ground.

1. Separate the power pack cable and the main line cable into 2 individual wires, 3 1/2 inches long (Fig. 5).

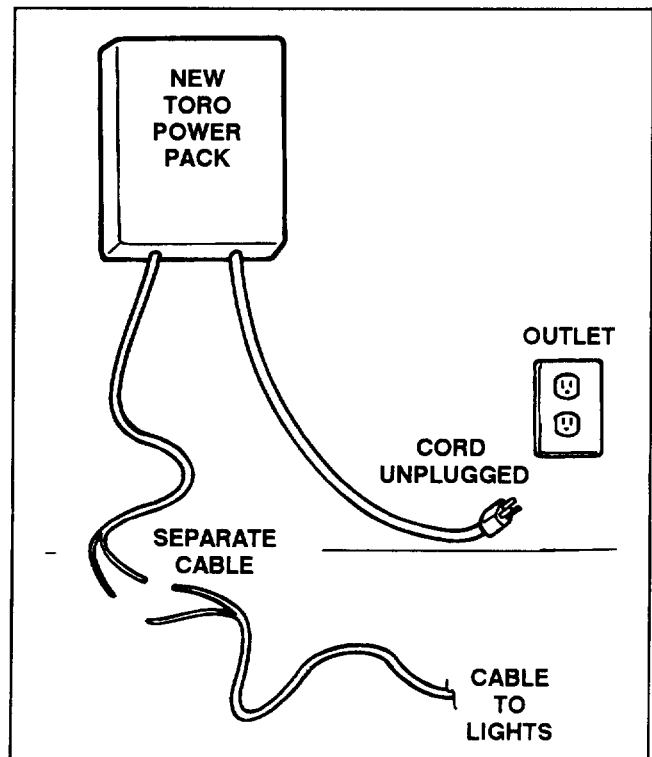


Figure 5

2. Remove 1/2" of the plastic insulation from the four wires (Fig. 6).

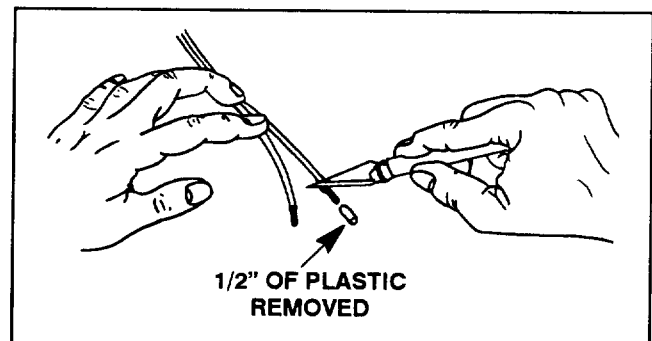


Figure 6

3. Twist a power pack cable wire and a main line cable wire together (Fig. 7).

4. Screw the wire nut tightly (clockwise) onto the twisted pair of wires (Fig. 7). Repeat steps 3 and 4 on remaining wires.

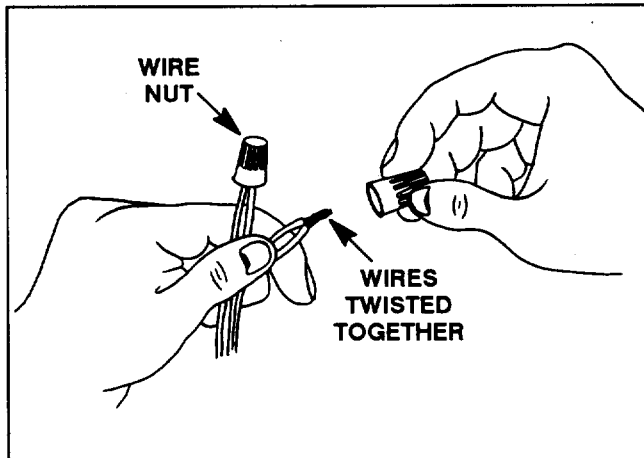


Figure 7

Prepare Epoxy

A clear epoxy bag is inside the paper packet.

1. Tear the top off the paper packet and remove the clear epoxy bag.

2. Grip both edges of the bag at the center seal (Fig. 8). To break the seal between the two liquids, wrinkle and flex the bag across the seal about six times.

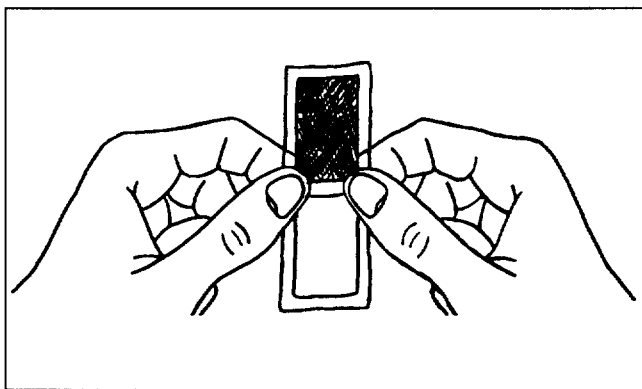


Figure 8

3. Squeeze the clear liquid into the dark area. Continue to squeeze the liquids back and forth about 25 to 30 times until they are mixed thoroughly to a uniform color.

Note: As you mix the liquids together, the epoxy bag will get warm. This is a natural chemical reaction.

Seal the Wire Nuts in Epoxy Bag



CAUTION

The liquid in the epoxy bag is harmful if you inhale it, swallow it, get it on your skin or into your eyes. Use the epoxy bag in a well ventilated area. Avoid skin and eye contact. Wash thoroughly with soap and water after using.

FIRST AID

- For Eye Contact: Immediately flush eyes with water for at least ten minutes. Call a physician immediately.
- For Skin Contact: Wash thoroughly with soap and water.
- For Inhalation: Get into the fresh air and breath deeply.

1. Squeeze epoxy to one end of the bag and cut the top off the other end (Fig. 9).

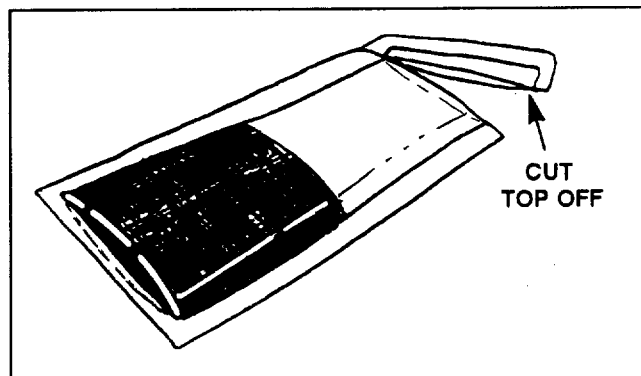


Figure 9

2. Hold both wire nuts together. Carefully slide the wire nuts completely into the bag of epoxy (Fig. 10). Wire nuts must contact the bottom of the bag.

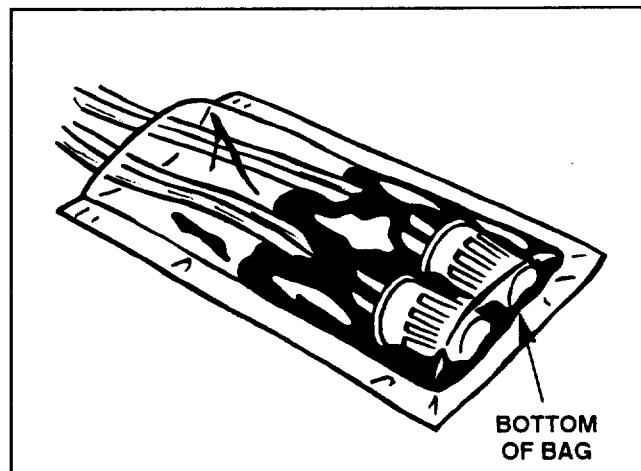


Figure 10

IMPORTANT: Make sure epoxy fills the inside of both wire nuts and covers the wires extending from them. This assures that the wires are sealed properly and minimizes the chance for corrosion.

3. Wrap the twist tie around the open end of the epoxy bag and keep the bound end of the bag up (Fig. 11). This prevents the epoxy from leaking while it hardens.

4. Let the epoxy harden for 1 to 2 hours.

5. If desired, you can bury or cover the epoxy bag so it is not visible.

6. Plug the power pack cord into a 120 volt ac electrical outlet.

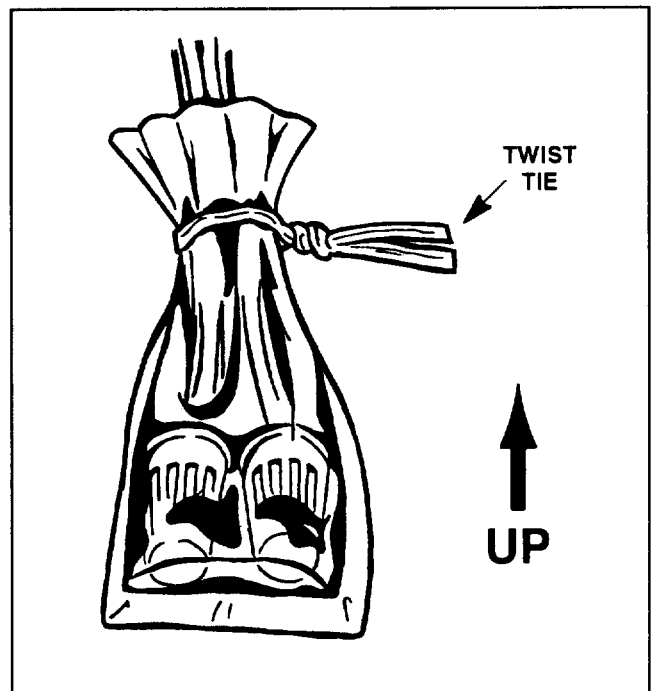


Figure 11