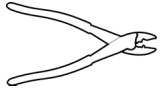


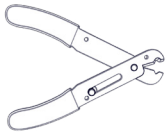
REPLACEMENT LED CORD SPLICE INSTRUCTIONS

For Kasco Models 345037, 345065, 345066

SUGGESTED TOOLS



Crimpers



Wire strippers



Adjustable wrench

Refer to your original LED light kit owner's manual for complete light kit instructions.

PARTS INCLUDED

Description	Qty	Part No.
Cable splitter, 3-way	1	345031
Cable splitter, 4-way	1	345036
Cable splitter, 6-way	1	345034
Cable joiner	1	347220
Gland cord grip	2	347221
Barrel connector	2	346063
3/16" x 1" shrink tube	2	150567
Potting compound	1	636444
Potting nozzle	1	341223
Plunger	1	341222
Cable splitter cap	3-6	345033
3/4" shrink tube	3-6	347007
P-80 emulsion	1	380380



IMPORTANT SAFETY INFORMATION

Read and follow these important safety and handling instructions. Following these instructions will help ensure your safety and the quality performance of your equipment.

- Under NO circumstances should anyone enter the water with the electrical equipment plugged in and/or in operation.
- Disconnect all equipment from electrical service prior to any maintenance or service work.
- Use extreme caution around water, especially cold water, as in spring, fall, and winter, which poses a hazard itself.
- NEVER lift or drag the fountain or light kit by the power cords. To pull the unit to the side of the pond, use the anchoring ropes.
- Do not use waders in ponds/lakes that are deep, with drop-offs, drastic slopes, or soft bottom material.
- Do not use a canoe or boat that tips easily during installation.



INSTRUCTIONS



1. Prepare the wires on the main power cord by removing 1-1/2" of the outer cord jacket, leaving the black, white and green conductors exposed. Cut the green wire all the way back to the jacket. Strip the conductor insulation on the black and white wires back, leaving the copper wires exposed 1/4".



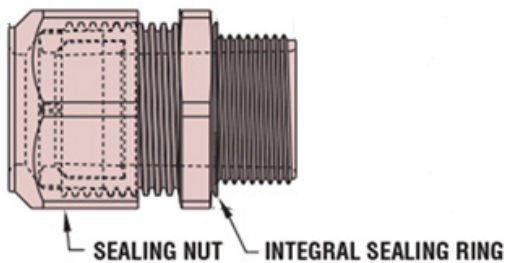
2. Crimp one end of the barrel connectors onto the black and white wires of the main power cord.



3. Thread one gland cord grip to one end of the cable joiner.



4. Remove the sealing nut of the cord grip and tighten the intergral sealing ring to be flush with the cable joiner using a crescent or 1-1/16" wrench.



INSTRUCTIONS



5. Apply P-80 emulsion lubricant around the cord grip teeth and lightly thread the sealing nut back on.



Do **NOT** apply any lubricant to the inside.



6. Slide the cable jointer over the main power cord (cord grip end goes on first).



7. Slide one shrink tube over the white wire and one over the black wire.



8. Slide the other gland cord grip onto the splitter cord.

IMPORTANT: Make sure all cord grips and shrink tubing is installed before the final crimping of the cord wires.

INSTRUCTIONS (CONT.)



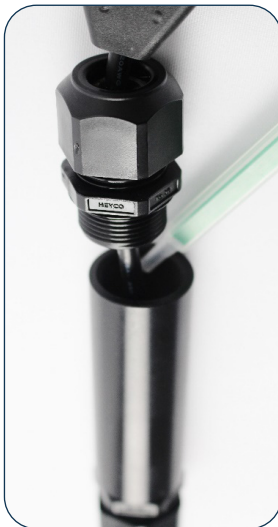
9. Crimp the white wires together and the black wires together from the main power cord and the splitter.



10. Slide the shrink tube over the connectors so it covers all the exposed wires and crimp connections. Heat the shrink tubing until it is tight around the connections.



11. Center the cable joiner over the wires. Then tighten the cord grip nut on the power cord side so that it is tight on the power cord. Ensure there is no gap between the gland and the cord. Holding the joiner and power cord in opposite hands, give the assembly a light tug to make sure the cord does not slip out of the gland.



12. Hang the cord in a vertical position with the open end of the cable joiner (splitter side) on top. Use the potting kit to fill the inside of the cable joiner, making sure the potting completely covers the black jacket of the splitter but does not come up to the inside joiner threads.

INSTRUCTIONS (CONT.)

13. Remove the sealing nut of the cord grip (splitter side) and screw the cord grip into the cable joiner completely and tighten integral sealing ring (see Step 4).
14. Apply P-80 emulsion lubricant around the cord grip teeth and lightly thread the sealing nut back on.
NOTE Do NOT apply any lubricant to the inside.
15. Tighten the sealing nut firmly against the splitter jacket. Ensure there is no gap between the gland and jacket and give the assembly a light tug to make sure the cord does not pull out of the gland. Let the assembly sit for 30 minutes while the potting cures.
16. Make sure there are no wires exposed on either side of the joiner cable assembly.
17. Slide the nut from the fixture half of the connector over until it engages the threads on the cord splitter half of the connector. Turn clockwise to secure the two halves snugly together. (Note: over-tightening may damage components.)



1. Slide the shrink tube over the cord connection and center it on the connection.



2. Use a heat gun to shrink the tubing down to secure the connection and create an additional seal against water intrusion. (Do not apply excessive heat directly to shrink tube or assembly, as overheating may result in damage to components.)



Light kit power cord assembly is now ready for installation.