

Troubleshooting Dollhouse Wiring

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yes = If the Testlight lights up, then do this:

no = If the Testlight doesn't light up, then do this:

The Green Square is a link to a detail of that step.

*Power supplies may need to be plugged into an extension cord to reach the screws for testing.



Start here.

Test the house outlet (110v) with a fan or lamp (not the testlight).

yes

The Lead-in wire is plugged into the dollhouse wiring.
 Test the Power Supply at the screws*.

no

Troubleshoot the outlet or use a different outlet.

no

Test the Testlight.
 Test with a different Testlight.

Replace the Testlight.

no

You have confirmed the testlight is not the problem and there is still no power showing at the screws, then do this:

yes

Test at the end of the Lead-in Wire.

Un-plug the Power Supply from the Dollhouse Wiring then
 test at the screws again.

yes

Test the back of the Jack or next to the Junction splice.

no

Troubleshoot or replace the Lead-in Wire.

yes

There's a short circuit in the Dollhouse Wiring

no

Troubleshoot or replace the Power Supply

Good Power Supplies are *over-current protected* and yours shut off when it detected too much current (a short).
 Inspect each wiring section looking for an error (do rubbings if the tapewire has been covered). Look particularly for:

- eyelet in a pleat
- eyelet mixing copper and blue
- eyelet in between foil conductors
- Too many fixtures for the Power Supply

yes

(Junction Splice)

yes

(Jack)

no

Re-set the Junction Splice

Test at the end of the connecting wire.

yes

no

Troubleshoot or replace the Jack

There is a Bad Connection somewhere - go through the house *in order*, testing each run until you find the one just before the section that doesn't light up. If the wiring has been covered, do rubbings to be able to see the tapewire and the eyelets so your examination of the wiring is linear and your testlight placement is accurate.

yes

- Repair the bad connection
- Replace damaged tapewire

no

Steam off wallpaper, start over