

4th Year Electric – Lamps

Dear 4-H Electric Members,

April 2013

In response to some concerns about the availability of 4-H appropriate lamp repair parts by prior 4-H electric project members, the Hamilton County 4-H Extension office has decided to offer a lamp kit available to 4-H members.

The 4-H Extension office purchased a few of these kits that have been put together by a gentleman who is a 4-H volunteer and member of the 4-H Electric Board. If you have attended open judging in prior years, he has judged some in Hamilton County and has done a great job talking to kids about their projects. He put together this kit specifically for 4-H members and I picked it up from him during a recent trip to Purdue for a 4-H activity so that we would not have to pay shipping costs.



The kit looks like this and we are making it available to you at cost.

He has given us a reduced price of \$21 for what you see here which includes:

- medium base lamp socket
- 18/2 SPT-1 lamp wire
- polarized plug (molded plug or quick connect plug are not allowed for the 4-H exhibit)
- in-line strain relief
- assortment of bushings (appropriate sizes are often hard to find in hardware stores).
- large or small harp.

The harp is packaged separately from the kit since you will need to determine whether you need a large or small harp based on how big your lamp body is. So... the “harp package” is labeled as \$5 and the “kit package” is labeled as \$16 for a total of \$21.

There is variety available, too. We purchased wire and plugs in brown, black, white and gold.

More detailed picture of the medium base lamp socket.





Picture of various grommets, bushings, nuts, in line strain relief, and cap for threaded rod.

Then the 4-H Extension Office also purchased a box with a variety of replacement parts: various plastic bushings, nuts, rubber grommets, brass bushing w/nut, 1" x 1/8 IPS threaded nipple, cord maze (strain relief in lamp base) and 1/2" harp risers. The price of each part is marked on the box and range from 25 cents for 2 up to 75 cents each.



I look forward to seeing you and your projects this summer!

Carol Schmidt
Hamilton County 4-H Electric Leader
317-773-6850