

INSTRUCTIONS FOR BEEPING EASTER EGG HUNT FOR VISUALLY IMPAIRED CHILDREN

CONSTRUCTION – There are several methods for constructing the beeping Easter Eggs and my way is simple but durable and dependable. I purchase the components from Radio Shack. The Items I have been using are a small steel toggle switch (275-635) or a cheaper small toggle switch if available, a 3-24v piezo beeper (273-066), a 9v battery and 9v connector (270-325), electrical tape, solder and large plastic Easter eggs. (Many stores have these eggs for sale in packages of six or twelve and I usually buy them after Easter at Hobby Lobby for about 99 cents for 6.

1) I construct the eggs by drilling one hole in the long end of the egg just large enough for the threaded end of the toggle switch to fit snugly through.

2) I then drill several holes around the egg with an appx 1/8 inch bit to allow the sound to escape.

3) I solder one lead from the 9v clip to one connector on the toggle and solder one lead from the beeper to the other toggle connector. The solder is needed on the toggle connections to keep that connection secure through rough handling.

4) The second beeper wire can be attached directly to the remaining 9v battery lead. This creates a single switch series circuit that allows the battery to be replaced by simply removing the 9v clip and re-taping the new 9v in place. The wires can be twisted together and secured with electrical tape.

5) I secure the toggle switch to the hole drilled in the long end of the egg using the nut and washers supplied with the switch. Tight but not so tight the egg cracks.

6) The piezo beeper must be secured to the 9v with electrical tape. Make sure that you attach the battery to the beeper with the long ends of the beeper running the length of the battery so the egg will close securely. You might want to put a small piece of tape on the outside of the egg holding the two halves together.