Electric Chair Prop
by
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The electric chair prop simulates a victim being electrocuted by shaking the victim in the seat and making a loud noise with lighting effects.

I didn’t keep track of dimensions or draw blueprints so you’ll have to base your chair on your own dimensions and use the pictures a guide for construction.

Here are the main items you’ll need if you’d like to build this electric chair:

- 1 X 1 boards (for the dummy skeletal frame)
- 2 X 2 boards (for the dummy skeletal frame and control unit frame)
- 2 X 4 boards (for the chair)
- 4 X 4 poles (for the chair legs)
- plywood (for the chair and control unit)
- one hand sander (to provide “electrical” noise)
- one reciprocating saw (to actuate the victim in the chair)
- one rope light (to simulate the effect of electricity “flowing” from the control unit to the chair)
- two power strips
- miscellaneous gauges and electrical items
- LED lights
- chicken wire

Here are the key steps I took to build it.

This view shows the basic chair with a mount for the reciprocating saw. Also notice that there’s no seat yet…

Here I’ve spray painted it black and then dusted it with some red spray paint to give it an “aged” look. I’ve also mounted a piece of tin for the seat.
I removed the rubber pad from the hand sander and mounted it to the underside of the tin. You can also see a power strip and strobe light mounted underneath the seat.

This power strip drives the hand sander, reciprocating saw, strobe light mounted under the seat, strobe light mounted over the victim's head, and the rope light.

I've attached the reciprocating saw to the mount and rigged a turn screw on the trigger so the saw will always be in the “on” position. I can also adjust how fast the saw moves the victim by loosening or tightening the turn screw. I've also added the shield from a clamp light to go over the victim's head and mounted a strobe light inside the shield.

I've created the “skeleton” with 1 X 2’s and 2 X 2’ and used chicken wire to form the body and limbs.

I’ve also attached the blade of the reciprocating saw to the skeleton.

An important thing to note is that the “skeleton” is only attached to the chicken wire and the saw blade. This is what allows the victim to jerk back and forth in the seat.
This is the victim right before I dressed it. The fake hands are from Halloween Express and those are an old pair of my Jump boots.

You can also see the leg straps which I finished attaching after the victim was dressed.

Also note the knees which is the only other place (aside from the chest) that the “skeleton” is attached to the chicken wire…again, to allow the victim to jerk back and forth in the seat.

This is a close up of how I attached wires to the wrist restraint cuffs. I used an old belt to make the wrist restraint cuffs.

This view shows how I camouflaged the extension cord which provides power to the rope light.

The control unit has its own power source so the control unit lights always remain whether the chair is in operation or not.
I couldn’t find gauges with opaque faces so I gutted some old gauges and made my own gauge faces with plain bond paper. The small holes on the top left of the picture are LED lights.

This inside view of the control unit shows the backlights for the gauges and the LED light strand. The power strip only provides power to the control unit.

Here’s the final product with the control unit lit up.
To operate the prop, I turn on the power to the control unit so it remains lit. The power strip mounted on the electric chair is connected to a spring loaded push button switch so the chair will run as long as the button is pressed. Releasing the button turns power to the chair off…

**SAFETY NOTE:** THIS ELECTRIC CHAIR PROP PRESENTS HAZARDS SUCH AS PINCH POINTS, INJURY FROM THE RECIPROCATING SAW AND HAND SANDER, AND ELECTRICAL SHOCK. KEEP CLEAR OF THE ELECTRIC CHAIR DURING OPERATION. THE ONLY PART OF THE ELECTRIC CHAIR THE USER SHOULD TOUCH DURING OPERATION IS THE SPRING LOADED PUSH BUTTON SWITCH. THE ELECTRIC CHAIR PROP IS NOT DESIGNED FOR PEOPLE TO SIT IN THE CHAIR DURING OPERATION.

**DISCLAIMER:** IF YOU USE THESE PLANS TO BUILD AND OPERATE THE ELECTRIC CHAIR YOU ASSUME RESPONSIBILITY FOR ANY INJURIES RESULTING FROM BUILDING AND USING THE ELECTRIC CHAIR AND AGREE TO HOLD ME (“THE REAVER”) HARMLESS.

For questions please contact me at reaverarmor@yahoo.com. Happy Halloween and happy building!