Motorized Electric Chair Plans

Thank you for buying the Animated Electric Chair Plans by Walter Purcell. This design is unique in the fact that once you have followed and completed the step-by-step building plans, you will have re-created an actual electrocution. The ideas you can do with this prop are only limited by your imagination.

These plans are for an authentic style electric chair with an animated prop that jumps and shakes similar to a real electrocution. The prop skullcap is made to light up when the fake current is thrown. Lastly a strobe light with the sounds of electricity and screams are synchronized to the animated prop in the chair. All materials can be bought for under $100.00; even less when you use items from around the house and buy Thrift Store/Garage Sale type items. In addition I will give you tips I learned from my experience that will simplify your Prop Building experience.

These plans will show you exactly how to build this in a simple straightforward design. There will be no fancy woodcuts or any special knowledge of carpentry. I will list out what you need to buy and provide guidance tips to make your work as easy as possible. Photographs and diagrams are included at various steps where needed. Once completed, this chair will be solid and last for many years of Spooktacular Haunting.

Tools required:	9/16” Wrench	Pencil & paper for measurements	Ruler & Tape measure
Drill	Circular saw	Hacksaw	PVC cutter or Hacksaw
Drill bit 9/16” & ½”	Sawhorse & wood	Stapler	3” wood shims
Socket wrench with 9/16 size socket	Wood clamps	Hammer	Wire Cutters
	Jig saw Cutter		

See Last page for Shopping List of parts to buy.

CHAIR MEASUREMENTS are as follows: 23 ½" deep x 25" wide x 54" tall
(Note: Deep is actually 22 ½" but the armrests extend over the base by 1").
8 – 25" horizontal boards for bulk of chair
Legs: the two front legs/Vertical Armrest supports are 30".
The two back legs are 54", because they extend to form the entire backrest.
2 Horizontal Armrests: 22" long
2 - 16 ½" horizontal seat supports (connect from front to back holding the seat).
1 - 21" x 18" x 1" plywood seat

☞Tip: First cut your wood in mass cuts to simplify the process. Get two sturdy sawhorses to hold the wood and a couple of clamps to sturdy the wood for cutting.

The 2x4 s I bought at Home Depot were 1 ½" x 3" x 92 ½". Using these as the guide cut the following:

Board One:	Cut 1 – 54" board plus 1 – 22" board and 1 – 14" board.	2 ½" remain.
Board Two:	Cut 1 – 54" board plus 1 – 22" board and 1 – 14" board.	2 ½" remain.
Board Three:	Cut 3 – 25" boards plus 1 – 16½ " board.	1" remain.
Board Four:	Cut 3 – 25" boards plus 1 – 16½ " board.	1" remain.
Board Five:	Cut 2 – 25" boards plus 1 – 30" board.	12 ½" remain.
Board Six:	Cut 1 – 30" board.	62 ½" remain.

Board Seven will be cut later.
Begin by separating and grouping the boards based on the size.

BACKREST: INGREDIENTS

16 - Hex Bolts 3½" long x 5/16" diameter (ASE markings at Home Depot) **16 - 5/16" Hex Nuts** **32 – 5/16" Washers**	☞ Tip: Use clamps to hold the cross boards in place. Place a scrap piece of board underneath the two top boards when drilling the Hex Bolt hole, which prevents splintering when the drill bit comes thru the backside.
This will have the two 54" boards and six of the 25" boards crossing horizontally to connect to form the "ladder". Begin at the top and work your way down. Start the top cross board at the very top of both horizontal boards. Drill two holes into the top board through the back of the bottom board. Insert two Hex Bolts thru the top board and exiting the bottom board. Once the bolts are thru both boards connect with washers & nuts Repeat for the opposite side. Do not over-tighten. After the entire unit is complete tighten everything. Only the top and bottom cross boards will have two Hex Bolts. These are for locking in place. The remaining boards require only one ASE Hex Bolt washer & nut. See Picture 1 with measurements ☞ Tip: Refer back to this diagram often. The same dimensions apply for the front portions of the chair	 **Picture 1 - Back**

FRONT: INGREDIENTS

8 - Hex Bolts 3½" long x 5/16" diameter (ASE markings at Home Depot)
8 - 5/16" Hex Nuts
16 - 5/16" Washers

Start on the front of the chair. Take two 30" boards and set them parallel to each other spaced apart by **18**". You will be connecting these with a cross beam for stability. The cross beam is **19½"** from the ground to the top of the board. This is the cross beam which supports the seat and is the front of the chair. This connects in the same fashion as the backrest with 2 ASE Bolts, washers and nuts on each side. See Diagram A

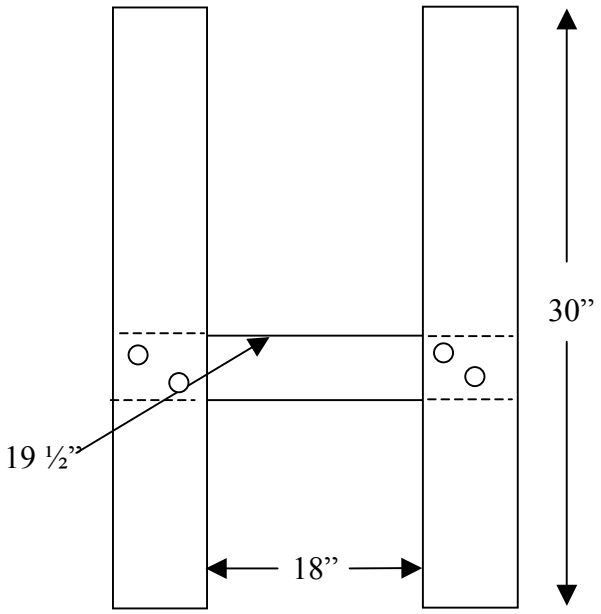


Diagram A - Front

ARMREST CONNECTION: INGREDIENTS

16 –2" x ¼" Dia. Bolts
(AFD markings at Home Depot)
32 – ¼" washers
16 – ¼' Hex Nuts
4 – 2" metal corner brackets

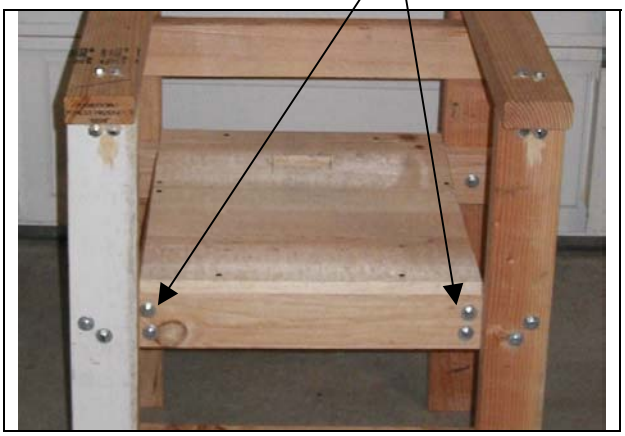
Begin by connecting the front of the chair to the back by connecting the armrests. Place one 2" x 2" L bracket **30"** inches from the bottom of the backrest and place on the left and right side in the middle of the boards. Connect the bracket to the top of two 30" boards using 4 AFD bolts per bracket. These are for the front of the chair. After laying the entire unit on its side, connect both 22" long armrests to the brackets on the front and back. The armrest will extend 1" over the front vertical support. Once secured, stand unit up. Picture 2a & b shows both sides of the front armrest support. The back is identical.

Picture 2a Front

Picture 2b Back

SEAT SUPPORTS: INGREDIENTS
8 – 2 ½" x ¼" Dia. ALH Lag Screws
8 – ¼" Washers

Using two 16 ½ " boards, connect the seat support at **19 ½**. Pre-drill the outside boards, then screw 2 ALH lag screws with washers for the left and 2 for the right side. Repeat for the opposite side. See Picture 3.



Picture 3

Seat
Place the 21"x 18" x 1" seat over the two support boards you just mounted and screw in place with eight 1 5/8" wood screws.
See Picture 4.

Picture 4

The seat support not only secures the chair in place, it also hides the drill from view

LEG RESTRAINTS: INGREDIENTS
2 – 3" screws (ANG)
2 – ¼" washers

All official Electric Chairs must have leg restraints.
Mount the last of the 25" horizontal boards behind both front vertical supports of the chair 10" from the bottom. Use 2 ASE bolts, washers & nuts per side. See Picture 5

Picture 5 (inside view)

Cut two half circles in an 18" board. I used a

Blue Bonnet margarine tub for a template. The circle should be 4 ½" round. Using your template measure 4" from each side and use a Jig saw to cut a half circle into each side. Mount from the inside using 2 ANG screws with washers to screw into the restraints.
See Pictures 5 & 6

Note: If you do not want to use a Jigsaw, just use a board without the circle cuts. Most of the board will later be covered with the legs and leather straps.

Picture 6 (Front view)

Your basic chair is now complete. See Picture 7

Picture 7

DRILL MOUNTING: INGREDIENTS
4 – 3" screws (ANG)
4 – ¼" washers
3 – 6" Stainless Steel Clamps
1 - 15" x 8" x 2" Wood Block

I experimented with other motors and found these did not perform the desired task. A standard drill mounted underneath the seat and connected to the spine of the Prisoner will move the Prisoner in a 2" up/down and side-to-side fast jerky motion. To your viewing audience this will appear that the electricity is convulsing thru his body causing these death spasms. Really Cool. See Diagram B

In order to support the drill under the seat

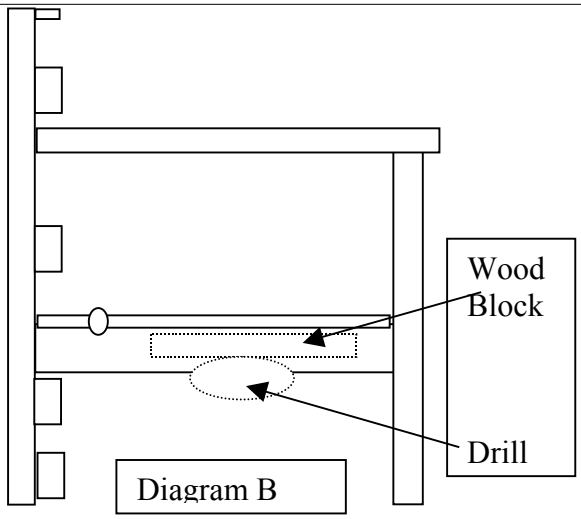


Diagram B

you will first need an additional block of wood in which to attach the drill. This will be mounted under the seat. The Drill will then be mounted to the wood block. Use **a 15" x 8" x 2" thick** board. The thickness allows for added stability in order to support the drill while in action.

☞ Tip: Before cutting, re-measures the distance between each seat support. If your cuts were off just a little, you can make your correction in length now for a snug fit.

Place your drill against the wood block and mark the outside edges. You will need to mount 3 steel clamps edges thru the board that in turn secures the drill to board. You want to have the drill bit side facing directly under the center of the hole in the seat. After making your mark, drill and cut 6 slots in the wood and route three 6" clamps thru one side and out the other. Make sure the clamps are positioned leaving the tightening mechanism on the bottom side facing the same direction. You will need to have access to these to install the drill. See Picture 8.

Picture 8

Looking up from inside of chair

Once the clamps are routed thru the block, mount the block to the seat supports chair. Viewing the chair from the side, your block should be 2" from the front and 1 ½" from the top of the inside of the seat of the chair. Use wood clamps to hold in place. Measure 3 ½" and 8" from the front of the chair and attach the screw in 2 ANG lag screws with washers thru the outside of the horizontal seat support into the wood block securing it in place. Repeat for opposite side. Since your block is 2" wide and your horizontal seat support is 3 ½" wide, you will have 1 ½" left over on the top.
See Diagram B

Drill/cut a 3 ½" x 1 ½" hole in the center and 4' from the back of the seat. This will be the opening for the drill to attach to the PVC Prisoner. See Picture 9

Picture 9
Looking up from under the inside of chair

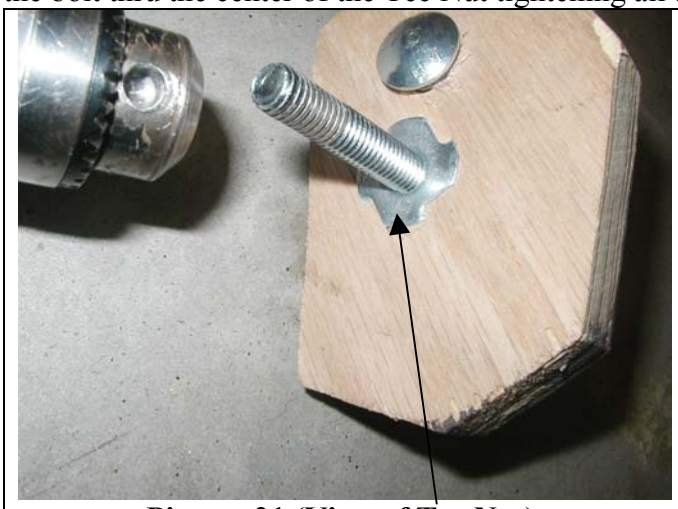
DRILL MOTOR OPERATION SPINDLE: INGREDIENTS

2 - 3" x 5/16" AOD Bolts	**2- Large Washers 3/8" x 1½"**
5 – 5/16" Washers	**1 - ¼" Lock Washer**
2 – 5/16" Nuts	**1 – Tee Nut 3/8" x 5/16" dial.**

In order to animate the prop you need a motor source. I used a standard 3/8" drill as the motor. This drill bit is actually a 3" x 5/16" dial bolt connected to a piece of wood. The piece of wood has another bolt the same size coming out the other side and going thru a PVC Pipe extension that in turn comes out of the spine/butt of the Prisoner.

As the drill turns the wood piece spins in a circular motion and the bolt that is connected to the wood spins in a pivot motion causing the spine extension to quickly elevate the Prisoner up and down.

Cut a ¾" piece of plywood in a 3" x 4½" square. Drill a 5/16" hole directly in the center. This is the pivot point. Now drill another same size hole 1" lengthwise above the center hole. Hammer the Tee Nut into the center hole. This is actually a lock washer that is needed to prevent the bolt from working its way out during operation. See Pictures 21 and 22. Slip the 5/16" washer onto one of the 3" bolts and then screw the bolt thru the center of the Tee Nut tightening all the way down this bolt works as the drill bit.



Picture 21 (View of Tee Nut)

Picture 22 Opposite side

Take the second bolt and slip a washer into it and then insert into the board from the opposite direction. After it is all the way thru, slip five 5/16" washers over the bolt. These washers are needed to prevent the ¾" PVC pipe from hitting the head of the first bolt during rotation. Drill a 5/16" hole ¾" from the end of your PVC pipe and then insert the pipe thru the bolt with the five washers. Add one 5/16" nut to the end of the bolt that now has the PVC Pipe attached. Tighten down the first nut just shy of the Pipe.

Picture 23

Picture 24

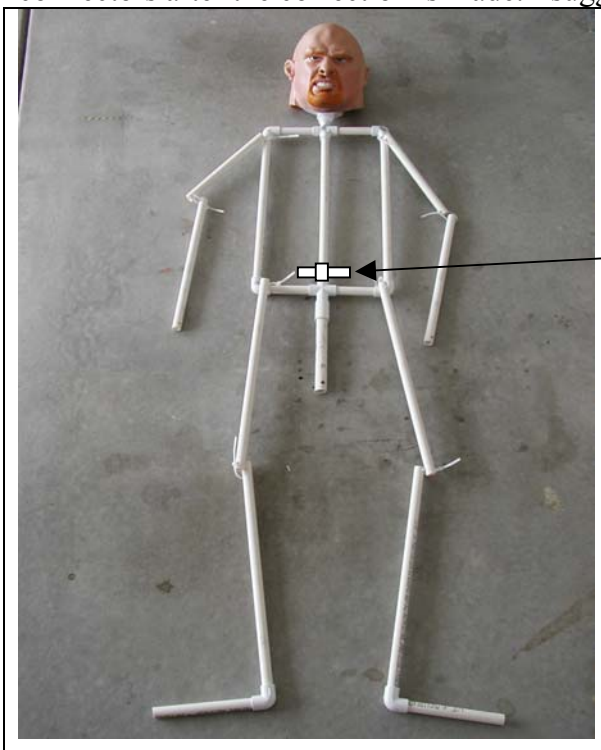
Leave approximately 1/8” of clearance between both sides of the pipe. You need this little space to allow for rotation of the pipe during operation. Next follow up with the second 5/16” nut. Tighten next to the first nut to lock it in place and prevent slippage. You now have the basis of your animated prop ready. See pictures 23 and 24 of previous page. We will mount the motor last in order to allow you to continue to use your drill.

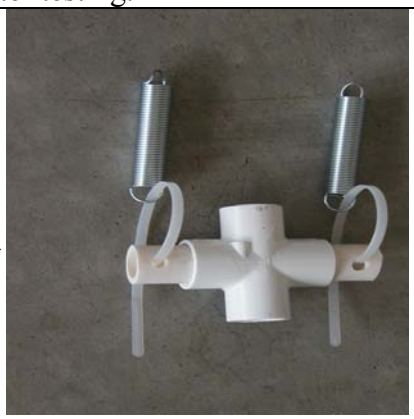
PVC PRISONER: INGREDIENTS	
2 - ½” x 10’ PVC pipes	**8 - Zip-ties to connect body parts (Multi Purpose)**
1 - ¾”x 10’ PVC pipe	**1 – 1 5/8” wood screw for head**
6 - ½” Elbow connectors	**Bubble Wrap / Newspaper**
3 - ½” Cross connectors	**Masking Tap**
1 - ¾” to ½” Adapter connector for spine (also known as Flush Bushing)	**Empty Milk Jug**
	Braided cord or twine
	2 – 2” Steel Springs

Body Parts Sizes	
2 – 20” upper legs	1 - 4” Vertical torso middle lower
2 – 20” lower legs to connect to feet	2 - 4” These go into the cross that supports the springs
2 – 16” upper arms	4 – 5” Horizontal torso
2 – 12” lower arms to connect to hands	1 – 5” neck
2 - 20” Vertical torso exterior	2 – 6” feet
1 - 15” Vertical torso middle upper	1 – 8” spine/butt extension converter (3/4” PVC Pipe)

Cut ½” PVC Pipes as follows:
Pipe 1: Cut 6 – 20” pipes. 0” remain
Pipe 2: Cut 1 – 15” pipe, 2 – 16”, 2 – 12”, 4 – 5”, 1 – 5”, 2 – 6”, 2 – 4”, 1 - 4”. 0” remain.
Pipe 3 – This is the ¾” pipe. Cut 1 – 8”, 2 – 6”. 100” remain.
Using the following diagram as your reference glue all the joints in place. DO NOT glue in the spine/Butt extension.

☞ Tip: Avoid gluing the PVC pipes together until they are exactly in place where you want them. The glue dries very fast and if the joints are not facing the right direction, you will have to cut and use connectors after the correction is made. I suggest gluing after testing.

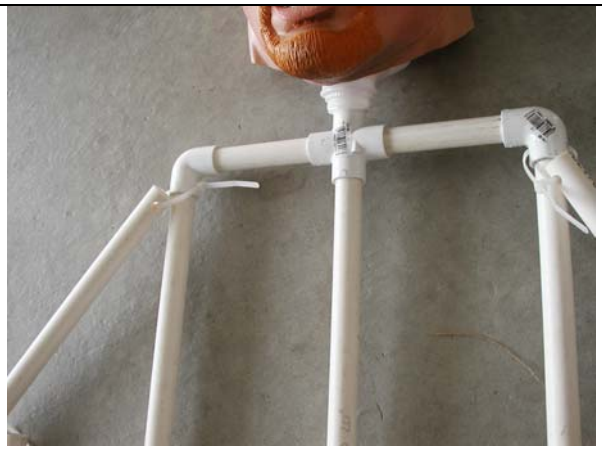




Note: I retouched the picture on the left with how it should look. The above cross with springs was inserted after the picture on the left was originally taken. I added a cross with 3” ½” PVC pipes extending from both sides. Prior to installing, drill holes in each pipe, then route a zip tie thru the pipe and a 2” spring before closing off the zip tie. This is used to connect springs to the back of the chair later.

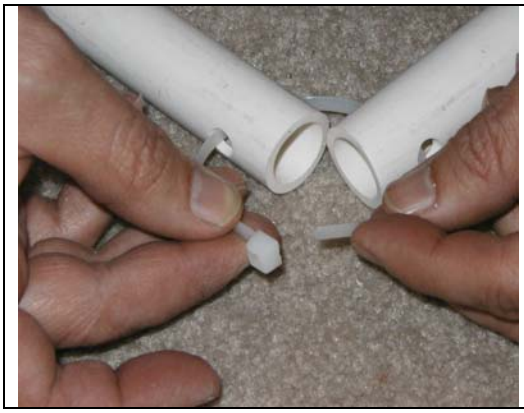
Connect the limbs using the zip-ties. The zip-ties are sturdy and will allow for the fluid motion your prop needs while in action. **See Pictures 24 and 25**

Picture 24



Picture 25

Note: You can go hog-wild and really make your prop sturdy by using nuts and bolts to connect the limbs together. While this works for constructing general purpose standing props, it does nothing but weigh down your Prisoner and reduces the required mobility action. I found the best method is to drill small holes thru your PVC pipe and then fasten the limbs together using Zip-ties. These work very well and keep the weight of your Prisoner down to a manageable level.



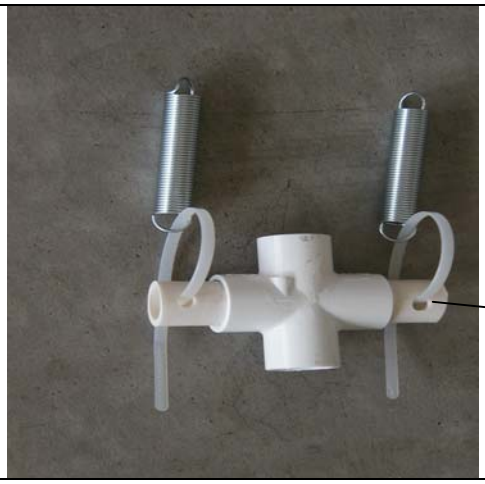
☞ Tip: Double-check your measurements before bolting, cutting, gluing anything.

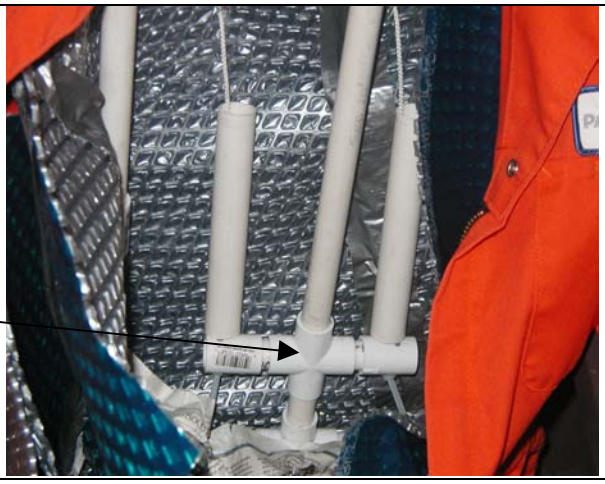
Insert the ½" to ¾" Flush Bushing to the ½" cross connector at the bottom of the torso. Glue the Bushing in place. Cut 6" off the ¾" PVC pipe. This is the Spine/Butt extension. This new extension of the Prisoner will in turn connect to the Drill motor. I initially built the entire Prisoner with ¾" PVC pipe. I found that this was a little heavy and made it harder on the drill motor to move the Prisoner frame in the quick fashion I needed. I converted to the smaller ½" pipe and this allowed the drill to give the jump-action I was looking for. I did however retain the ¾" pipe to connect to the main drill as this takes a lot of stress during the rotation of the drill bit. That is why I have the adapter to convert from ½" to ¾" at the Prisoner pelvis. See Picture 27

Picture 27

Remove any patch the jumpsuit may have and for authenticity sake, stencil 1" size Black Prison I.D. numbers above the pocket. ☺ My Inside joke: I used **8675309** to see if anyone caught it (Anyone remember that little diddy from the 80's about Jenny and her phone number?) A lot of people did.

Dress the assembled Prisoner. Tape bubble wrap around the frame making sure to not cover the joints, then stuff with Newspaper. I found bubble wrap to be a smoother way to form a prop body. Newspapers by themselves leave bulges in the body. After strategically placing the bubble wrap, dress you skeleton in his prisoner uniform.





Connect 3' of cord/twine to the outer end of the each spring. Route the cords/twine thru two 6" ¾" PVC pipes. These pipes will protect the springs from getting caught in the newspaper and jamming up. Poke two holes thru the back of the Prisoner (chest high) and tie off on the 2nd from top backrest board. These can then be used to adjust the tension of the springs. I found that supporting the Prisoner with two springs relieves some of the weight and allows the drill to perform better.

Add the head. I used an empty plastic milk bottle for mine. This works better than newspaper because you will need to secure the head to the body. Secure it by drilling a screw thru the neck of the milk bottle and into the neck of the PVC frame. Finish off by masking/taping newspaper around portions of the bottle where needed and cover with your mask.

ELECTRO SKULLCAP : INGREDIENTS

Silver Kitchen rice strainer for Skull-cap	**18" x 1" wide Leather strap for the skull-cap**
6' Rope Lighting	**Extension cord**
Wide clear strapping tape	**2' Fishing Line**

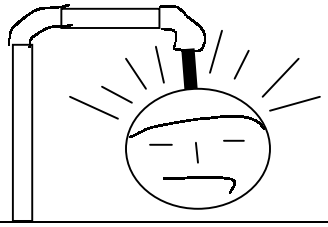
Buy a cheap metal rice strainer at the thrift store. Paint the outside black. Drill a **¾"** hole in the bottom center of the dish then, working from the inside, route the rope thru one end. The lights will be on the inside of the Skull Cap. Starting at the rim top of the rice strainer and taping as you go, wrap the rope in circles until the end is at the center hole that you drilled. **SEE PICTURE 12**. Use the wide clear strapping tape on the inside of the rice strainer. Only the corded end should be protruding out of the Skull Cap. Pull down the handles closer to the face and staple an 18" leather belt strap to the rice strainer handles and under the chin of the Prisoner to secure in place. Pull up the legs of the strainer and wrap fishing lines around to resemble electrical wiring. When activated the rope lights will shine thru the holes in the Colander dish. The effect will look like the electricity is making his brain fry. See Picture 13.

Picture 12

Picture 13

ELECTRO SKULL PIPE MOUNT

64" ¾" PVC Pipe
6" - ¾" PVC Pipe
4 – 1 5/8" wood screws
2 – ¾" PVC pipe elbows
8' extension cord
2 – ¾" Two Hole strap/brackets to mount the Pipe
6" of ¾" Black Split flex tubing



You will be routing the cord coming out of the Skullcap thru a PVC frame that will be connected to the back of the chair. Paint all PVC pipe and connections black. Cut off 64" from the ¾" pipe. This will connect to the back of the chair. Using an 8' extension cord, clip off the connection end (the non plug side). Route the extension cord thru the entire pipe, thru 1 elbow and thru a 6" piece of PVC pipe followed by another elbow to form the support for the Skullcap. Clip off the plug end of the Light rope coming out of the Skullcap and connect securely using black electrical tape to the extension cord. Gingerly pull back the wire until the connection portion is out of view back inside the PVC pipe. Cover the cord with 6" Black split flex tubing. Connect the PVC pipe to the center of the chair running down along the back with two plastic ¾" strap/brackets. The plug coming out of the ¾" PVC pipe will then connect to an extension cord which will also be connecting the strobe light and drill. All of these cords should be securely hidden from view. See Pictures 28, 29 and 30

STRAPPING IN YOUR PRISONER: INGREDIENTS

Boots	**2 Brown Leather Belts 1" wide**
1 – 1 5/8" screw	**1 Brown Leather Belt 1 ½" wide**
Garden Gloves	**1 Qt. Brown Oops paint**

Add boots and gloves and tape in place. Add restraining straps to the chair. Cut up 3 leather belts (buy at Thrift Store). Cut 2 – 15" pieces for the wrist and staple to the underside of the armrests. Cut 2 – 13" pieces and staple for the leg restraints. Use a wider belt for the chest, a used a 1 ½" wide belt and cut

36” off and stapled only one side to the backrest. The other side I used a screw as a hook. This way if you later want to have people get in the chair and take pictures (See Suggestions at back), you can unhook the belt at the chest to let people strap themselves in. The hands and feet just slip in an out of the straps. Remember, strapping your Prisoner into the seat achieves two purposes. First it adds to the realism and second it keeps your Prisoner in place. There is nothing worse than having to reset you prop after every activation. Staple and/or screw in place. Buy Brown Oops paint and paint the chair.

BONUS STROBE LITE MOUNTING: INGREDIENTS

1- ¾” x 5”PVC pipe	11” x 8” wood board for base
1 – ¾” Tee Connector	48 – 1 5/8” wood screws
2” x 4” x 52” wood for pole	1 Strobe Light
5 equal particle board wood sides of 8” x 8” x ¾” wood for strobe box	1 Tape Recorder

As a bonus to add creepiness to your display add a Power switch that throws the Voltage. Just like the ones you’ve seen in the old movies where the Prison Guard would throw the switch to start the Electrocution. I built mine to hide the strobe light and tape recorder. The tape recorder has a loop tape of electricity and screaming. The top box is used to hide the strobe light and is 8”x 8” x 8” which fits a standard strobe light. Drill a hole thru the bottom and route the electrical extension cord thru it down the length of the 52” board and into a similarly drilled hole in the base. The base is used to conceal the tape recorder. My base is 16” x 11” x 8” . Yours will differ based on the size of your tape player. The 2x4 is 52” high. When placed into the base the entire prop is 68” tall. **See Pictures 28, 29& 30**

Picture 28

Picture 29

Picture 30

Mounting the drill spindle to the underside of the chair

You will later be inserting the PVC spine/butt extension into the bottom of the Prisoner from underneath the seat and connecting to the drill.
Carefully place the Prisoner onto the chair making sure that the butt of the Prisoner sits directly over the hole in the seat. Going from under the chair and thru the center hole in the seat, securely attach the PVC Pipe spine/Butt extension into the cross connection adapter coming out of the Prisoners bottom. Do not glue, you will need to remove later for winter storage.

Loosely clamp in the drill to the 3 springs protruding from under the chair, making sure to align the drill directly under the center of the hole. Do not tighten yet. Route the drill bit/bolt all the way into the drill chuck and tighten securely. Now tighten the clamps securing the drill in place. The object is to have the drill pivot point directly under the hole so as to allow the most unobstructed movement of the motor. I found that using a wood shim in the clamp down area allows for imperfect measurements and disparity between the hole measurements, the drill size and the final cut. See Pictures below:

View from directly underneath

Side View

View from top of seat.
Notice ½" to ¾" flush Bushing adapter on end.

Side View 2
Note shim on side for adjustments

Set the drill to the REVERSE direction and lock it to the ON position. Route the drill cord along the inside of the chair out the lower back end of the chair using masking tape. Connect to the same extension cord that operates the Electro Skullcap that will be coming out the back of the chair as well. Determine how you will operate the prop, see last page for suggestions, and either connect the plug to a timer, motion sensor, or remote control to activate your prop. See additional views below.

Close-up view

View showing to side

Securely fastened with clamps

Bottom side view looking up

After completing everything Test..Test..Test…Test the drill to make sure the pivot is directly center under the hole. Test the drill to make sure it is securely in place . If needed use shims to center the drill as you're tightening the clamps it down. Try to center the drill directly under the hole in order to allow a straight up and down pivot of the motor. Tighten the strings in back until you get the desired tension

and get a good jerky movement to your Prisoner. Test the Electro-Skull to insure it lights up when plugged in. Make the necessary adjustments BEFORE the big night.

☠ Warning/Danger Safety and disclaimer : Please don't use in the rain.

☞ Tip: Only run the drill in spurts so as to not burn out the drill motor. This has not yet happened to me but it is always better to be safe than sorry. For a realistic effect the electricity usually runs through the Prisoner for 15 seconds only. It would be overkill (No Pun intended!) to leave on longer than that anyway. I prefer not to have it motion activated because it would never turn off and reduce the Scare effectiveness.

Summary

If you've followed all these instructions you now have a fully functional animated prop in an Electric chair.

Here are some ideas for Halloween setup:

- What I do is this: I have this set up at the front of my haunt and have it wired thru a remote control. I use the same one that I turn my Christmas tree on with every year. With the remote it only activates when I want it to and for whatever time I deem necessary to achieve my effect.

- You can set this up on a motion-activated sensor with a timer. With this effect, your prop would activate for 10 seconds whenever anyone walks by. Depending on the size of your crowds, this may not be the best effect because the prop would never have time to settle down.

- Set this in a corner of your haunt and have it set on a remote timer so that it goes off at 1-minute intervals of 10 seconds each. In this way your guests will not know exactly when it is to go off.

- Other ways for prop to be displayed would be to remove the Prisoner and have him (having already been electrocuted), lying in front of the chair waiting for his body to be disposed of. *You,* as the host, or dressed as an Electrocutioner, Yell out "Next victim". Your guest can then sit in the chair, put on the Skullcap, whereby you strap them in and take their picture.

- This is also great for Halloween Parties. Have your guests get their pictures taken in the chair.

- This also would make a great addition to a school Fundraiser as well. ($1.00 to have their picture taken in ***THE ELECTRIC CHAIR***! Most Trick Or Treaters and their parents always travel with a camera!

LEGAL NOTE:

☹ These plans are the sole property of Walter Purcell. Please do not re-sell these plans on Ebay or post to any web site without my expressed written approval. I put a lot of work into the development and creation of these plans. Thank you for your cooperation in this matter.

📪- Email me at wpkp1@cox.net . I would love to see your creations and any / or any improvements you may have! Thank you for buying my *PLANS.*

✓	QTY	DESCRIPTION	COST	QTY	DESCRIPTION	COST	✓

All Listed prices are per each piece unless otherwise specified.

		Lumber Dept		HOME DEPOT SHOPPING LIST		**Plumbing Dept**		
	7	92 ½" x 2" x 4" Wood for chair	(1.99)		2	10' x ½" PVC pipe	(.98)	
The following can all be cut from one 8' x 4' at ¾" thickness particle board			(11.59)		1	10' x ¾" dial. PVC Pipe	(1.39)	
					3	½" Cross Connectors	(.64)	
☐		21" x 18" wood for seat			1	¾" to ½" Flush Bushing	(.26)	
		40" x 8" for strobe box (cut into 5pc at 8"x 8")			1	PVC Cement 8 oz. Can	(1.98)	
		16" x 11" board for base (cut into 3pc: 16 x 11)			3	Stainless Steel Clamps 6"	(1.55)	
☞ Tip: Have them cut at Home Depot: The 1st 3 cuts are free, after that it is .50 per cut.					1	¾" Tee Connector	(.39)	
					5	¾" 90 degree elbow connector	(.26)	
+ Buy scrap wood below from scrap lumber area.								
	1	Scrap plywood 4 ½" x 3" x ¾"	(.50)		6	½" 90 degree Elbow Connectors	(.19)	
	1	Scrap plywood 5" x 2" x ¾"	(.50)					
	1	Solid wood block 15" x 8" x 2"	(3.00)			**Paint Dept**		
					1Qt	Brown Oops Paint	(1.00)	
		Hardware Dept			1Qt	Black Oops Paint	(1.00)	
	24	ASE Hex Bolts 3 ½" x 5/16 dia.	(.21)		1	Paint Brush	(.49)	
	26	5/16" Hex Nuts	(.04)					
	69	5/16" Washers	(.04)			**Electrical Dept**		
	16	AFD Hex Bolts 2" x ¼" dia.	(.09)		1	¾" Two Hole Strap/Clamp 5/bg	(.95)	
	16	Hex Nuts ¼"	(.03)		1	Split Flex plastic Black Tubing	(1.12)	
	38	1/4" Washers	(.03)		1	Masking Tape	(2.97)	
	8	ALH Lag Screws 2 ½" x ¼" dia.	(.15)		1	Multi Purpose Ties White 7" (Also known as Zip-ties) 20pk	(1.57)	
	2	3/8" x 1½"Washers	(.15)					
	2	AOD Hex Bolt 3" x 5/16" dia.	(.18)			**Fence Latch Dept**		
	1Pk	2"Steel Springs 2 ¾" x 7/16" dia.	(2.52/2Pk)		2 Pks	Stanley 2" Corner Brackets 2Pk (Located near outdoor fence latches)	(2.88)	
	1Bx	1 5/8" Wood Screws	(3.29/bx)					
	1	¼" Lock Washer	(.04)			**Lighting Dept**		
	6	ANG Lag Screws 3" x ¼" dia.	(.17)		1	6' Rope Lighting	(5.96)	
	1	Tee Nut 5/16 " dial. x 3/8"	(.78)					
	1	All purpose braided cord 45'	(2.29)					

Stuff You Need That You Can Find Around The House Without Paying Extra

Tape Recorder: Run a loop tape with screams and electricity sounds.	StrobeLite: If you bought the plan you probably have one already.	Remote switch to activate the prop: I use the same one that I use to turn my Christmas tree on and off each year.
Old Shoes or Boots	3 Brown Leather belts. Bought from the Thrift Store for $2.00 ea	Newspaper to fill out the Body
Mask: Bought this Goldberg Mask on clearance at Party City for $5.00	Orange Prison Jump Suit. Bought Pac Bell from the Thrift Store for $3.00	Bubble wrap or something similar to fill out body. I used an old Above Ground Pool Cover
		Empty Plastic Milk Jug
2' Fishing Line	Garden Work Gloves	Electrical Power Strip & 8' Extension cord