



<http://www.hauntforum.com/showthread.php?t=14638>

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## Articulated body form



These are arms...upper arm, lower arm, and hand  
After some quick calculations, I sized these arms to fit  
in the suit jacket



The hinge is 2 fence gate lock parts from Home Depot



Obtained from  
Omarshantedtrain.com



A few washers, a nut and bolt, and some treated 2"x2" pine



So far I have 2 hours in the project, and I am really surprised at how smooth the joints move and how well the stay where I pose them



My plan is to build an articulated human frame with off the shelf parts. In this case I went with the spring tension method to hold the joints stiff after posing the figure



I found this 3 piece suit, shirt, tie, and shoes at Goodwill ...\$8.



I used 5/16th x 3 1/2", but if you look at my hinges you will see that 3" would have been better....I had to cut off all of those bolts that were much too long.



Got the legs made tonight.... and screwed on the shoes



Here is the shoulder set up....the hanger came with the suit, and it holds the coat in a natural shoulder pose...I will bolt on the shoulder joints to it tomorrow.

Obtained from  
marshhauntedtrail.com



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He is about 6' tall....weighs about 25 lbs



If I could only get him to mow the yard while he sits on my tractor



Obtained from  
Omarshauntedtrail.com



I used 2"x2" treated pine as the primary material, but also there is a few feet of 1" x 2" pine and 1" x 4" and 3/4" plywood...It took me 2 hours to figure out what parts to buy at Home Depot and 6 hours to design/build the standing form...I think the next one I build will take less than 3 hours

I spent about \$60 on hardware (metal) and about \$10 on wood and \$8 on the clothes...so he is not cheap, but still well worth it for the long life this prop should enjoy

This guy is versatile to the max. He can pose new every year as well as becoming a new character every year



What I found is that he is extremely easy to pose...If I tighten the joints about 3/4 of the way, I can pose him repeatedly without re-adjusting the joints and he will stay right where I leave him. However the hip and knee joints do better if I tighten them 100% after he is posed.

Filling him out with foam will be the next part of this project

By the way...the form looks just as good in an old prom dress that I picked up at Goodwill

I do think that he is strong enough to hold a prop or two.





I found that my hinges needed another set screw to keep them from rotating out of square... So I drilled a new hole, and zipped in another deck screw



Here are his new shoes and his shoe inserts (3/4" plywood)



this is how you screw on a shoe...

Obtained from Omarshauntedtrail.com



With his new bigger heavier shoes, he is much more stable on his feet ...You can see that he has most of his weight on his right foot



All dressed up and no place to go...until October 31st.....Got a great compliment from the dog.... When she saw this guy standing out in the yard, she barked at him for 10 minutes, with the hair raised on the back of her neck. Then she came to find me so I could check out the intruder.

Omar's Painted Trail.com





Just for fun....



I picked up a thin long sleeve tee shirt and paints at Goodwill (\$6)



I cut the jammies into arm and leg lengths. Using regular thumb tacks, I tacked one end to the frame. Then I used shipping peanuts to "sculpt" out the rough shape of the various muscles.

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Now the clothes won't look so baggy



The cool thing about this technique is that I can add or subtract foam by popping out a few tacks making the adjustment and tacking it closed again. Also it is easy to move the foam around inside of the "bags" to make it look better.

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