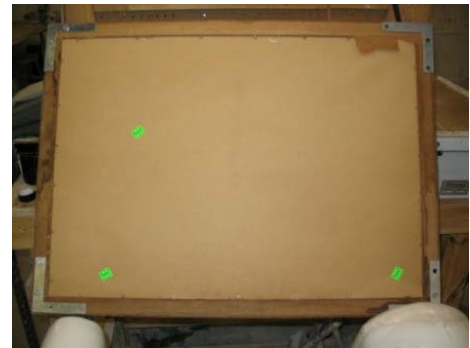# DROP PANEL

For our big finale, I built a drop panel for our demon to jump out of while the guests were distracted. My big problem with drop panels I've seen in other places, is you can always see the panel waiting to be dropped if you notice the two pieces of wood (wall and panel) don't match. To get around this, I used an old painting I got at a salvation army store to hide the opening.

The first thing I had to Do was reinforce the frame to handle the shocks it would have to take.
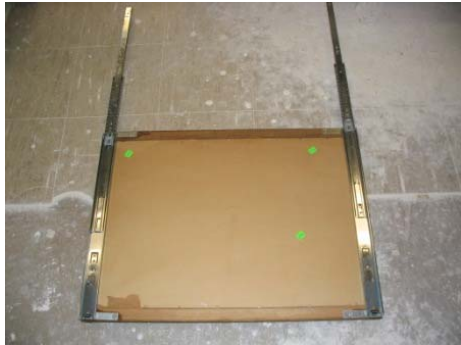
Next I installed a set of drawer sliders (available from any hardware store) to the sides of the painting. You need to make sure to get a set that is long enough to extend the painting all the way past your opening, but will fit on the back of the painting without being seen.

Sliders

Sliders installed

**Sliders extended**

**Aluminum pieces**

Next I needed a way to raise and lower the painting, also a stop for the end of the drop. I bent a piece of 1\4" X 1" aluminum bar stock into a handle and riveted that to 2 pieces of 1\8" X 2" aluminum band stock.

**Attached to frame**

This in turn was screwed to the top and bottom of the frame to spread out the impact of the stop.

The hole is cut slightly smaller than the painting, of course.

**Cut-out from the front**

**Cut-out from behind**

**Panel up**

Once the sliders were attached to the wall, I found I didn't need anything to hold it up in place. When the painting is up, there was enough tension to hold it in place. Once we started to pull it down, it got easier as it went and just slammed down!



**Panel down**



I reinforced the spot where the handle hits with a 1X2 and a small metal padded plate to take the impact. It held up very well.