



<http://www.deviousconcoctions.com/home.htm>

## Rocking Tombstones

What you will need:

- tombstone
- 1 motor
- 6 inches of angle iron
- 1 1in metal bar (48in)
- nuts, washers, bolts and a few screws
- wood or foam for the motor casing
- a piece of wood for the base
- light socket and bulb (your choice in color)
- Wire cutters/strippers/crimpers and butt end connectors.



Obtained from  
Omarshauntedtrail.com

To build a tombstone rocker we first need to take our 10" metal "L" bar and drill a 1/4" hole at 2.5" on one side about half way up. Now you will mount your motor to the same wall that you drilled the hole at 7.5".

You will first need to drill the gearbox and thread the hole to enable you to mount this motor. Once you have tapped the motor, mount it onto the same side as the hole you drilled at 2.5". Mount the motor so that the motors shaft is 2.5" in from the end of the bar as well as 2.5" up from the base. Make sure that you mount your motor so it is mounted to the inside of the "L" bar. The motor should be above the other wall of the "L" bar. (See fig).

Once your motor is mounted you are ready to mount the rest of the bars. Take your 16" bar and drill 1/4" holes centered at 1", 3" 8" and 15". Now take your 5" bar and drill a hole at each end with 4.5" between them. Now mount one end of the 5" bar to the 10" "L" bar in the hole you drilled at 2.5". Now on the other end run a 2" bolt through the bar in the same direction as your motors shaft. Secure it with a lock washer and nut.

Now add 2 more lock washers and nuts to the bolt and then add a flat washer, then the 16" bar, another flat washer and lastly a nylon locknut (see fig). Now you will need to build the crank. Take your 3" bar and bend to at a 90-degree angle at 1.5", then mount your wire clamp to the smaller end. Now drill a hole 2" from the center of the shaft on the other end of the crank. Run a 1" bolt through this hole and secure it with a lock washer and nut.

Once done, mount your crank to the motor, hook up the power and give it a test run to make sure it runs smoothly. Now take your 3.5" bar and drill a hole at each end with a 3" gap in between, then mount one end to the crank with a flat washer on each side. Secure it with a nylon lock washer. Make sure that the 3.5" bar does not come into contact with the crank at any point.

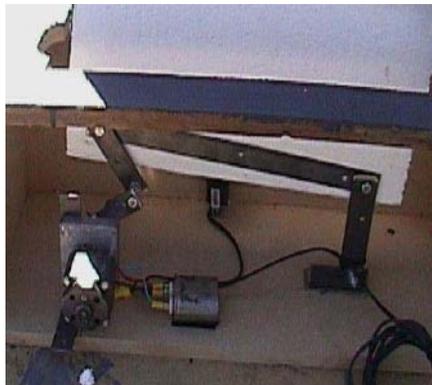
Once the crank and bar are free from possible collision, connect the other side of the 3.5" bar to the hole you drilled at 3" on the 16" bar. Now mount the tombstone rocking mechanism to the board and plug it in to make sure that everything is working correctly. If you are going to have the tombstone exposed, you may wish to build a box around the base, but make sure that when you build it that your tombstone doesn't hit any of the walls.

Also if your building a box around the base, allow a significant opening on the face, so the light can shine up and illuminate the tombstones face. Once everything is working correctly, its time to wire up the light socket to the motor, so we only have one plug to run.

To do this, first secure the light socket at an almost vertical angle, so the bulb shines almost straight up. Be sure also when mounting the socket, that the bulb does not come too close to the tombstone. A hot bulb will easily melt away your foam and possibly cause a fire.

Next strip the wire and connect the ends to the motor and socket. Cover the bare wires with end caps or butt end connectors and your set. Now secure your tombstone to the 16" bar and plug it in. Your tombstone rocker is complete.

Full detailed instructions for building a DC Rocking Tombstone are available in our DC Prop Builders Handbook.



Obtained from  
Omarshauntedtrail.com