



## ◀ **ANDY WEYENBERG**

Andy Weyenberg began welding at his father's business a few years before joining the Army. After going to school for Electro-Mechanical, he started working for Miller Electric Mfg. LLC as a technical service rep and training instructor. Andy has built and raced stock cars since he was a teenager — and now builds high-performance street vehicles while also managing the Miller motorsports program.

**SKILL LEVEL:** Beginner  
**TIME COMMITMENT:** 4 hours

### **/ TOOLS AND MATERIALS**



**Multimatic® 220 AC/DC multiprocess welder**



**Swivel toolbox castors (7" tall) (4)**



**3/16" square tubing (2-1/2" square for the front and 2" x 3" for the rear)**



**3/16" flat plate for mounting pads**



**.030 Hobart ER70S wire**



**Hand drill or drill press**



**Angle grinder**



**7/16" x 5" bolts, lock nuts and washers**



**3/8" x 1" bolts, nuts, washer and lock washers (16) (to mount castors to the mounting plates)**



**3/8" and 7/16" drill bits**



**Band saw or chop saw**

#### **Optional Equipment/Tools**



**Rivet nuts (2)**



**Hand rivet nut setter**



**Machinist blocks**

**WARNING: READ AND FOLLOW ALL LABELS AND THE OWNER'S MANUAL.**

# ROLLING CAR STANDS

Fabricate these tall jack stands on wheels to use when your lift is occupied.



**AS SEEN ON REAL GARAGE**  
[YouTube.com/RealGarageWithAndy](https://www.youtube.com/RealGarageWithAndy)

## STEP BY STEP

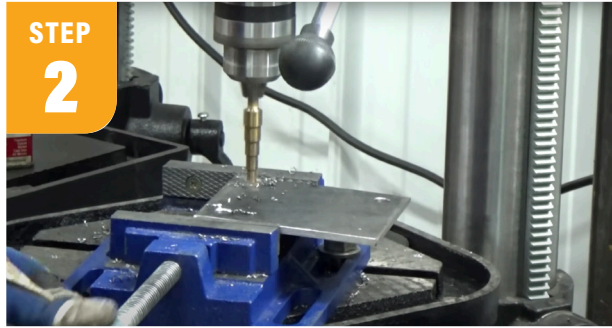
**STEP 1**



Determine the height you want the rolling jack stands to be off the ground, and cut the extension tubing and castor-mounting pads. My extension tubing is 14-1/2" and the flat plate for mounting the pads is 4" x 4-1/2".

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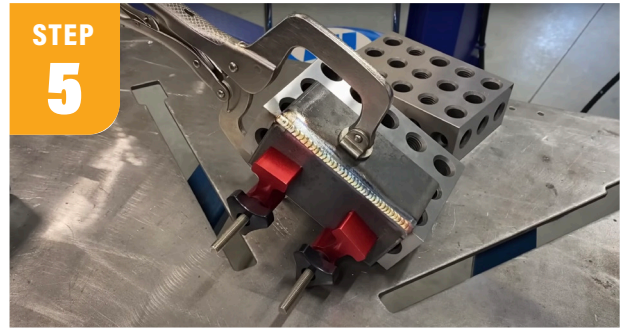
Center punch and drill mounting holes in the castor plates using 3/8" bolts. Grind the mill scale off the plates and tubes in preparation for welding.



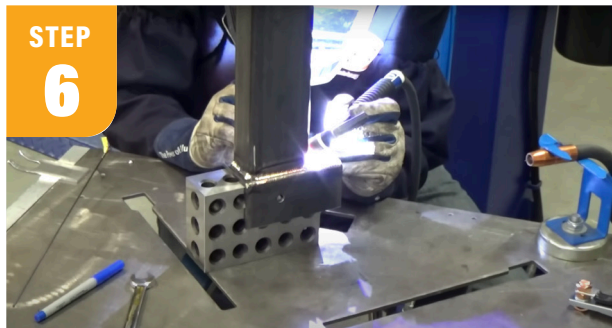
For the front frames, weld the castor mounting plates to the 2-1/2" square extension tubes using the Multimatic 220 AC/DC in Auto-Set™ mode for 3/16". I only welded a 1-1/2" to 2" weld on each side.



Using the same 3/16" flat plate that you made the mounting pads out of, make two saddles that will fit tightly around the front two frame rails. Drill a 7/16" hole through both the saddle and the frame rail and put the 7/16" x 5" bolt through it.



Frame mounts for the rear of my car are not as wide or thick as those for the front, so they will be built differently. I used the same 3/16" flat plate and TIG welded the corners. Since I had a hole already in the frame, I am attaching it using two 3/8" rivet nuts on each side. You can do that or attach it just like we did in step 4.



Because my rear frame is smaller, I am using the 2" x 3" square tubing and attaching it to the saddle.



Assemble the four castors to the four mounting plates, and then attach the rolling car stands to the car frame.



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