

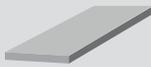


### ◀ **ANDY WEYENBERG**

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:** 2-3 hours

### / **TOOLS AND MATERIALS**



5052 Aluminum



Miller® Multimatic® 220 AC/DC multiprocess welder



Miller Spectrum® 375 X-TREME™ plasma cutter



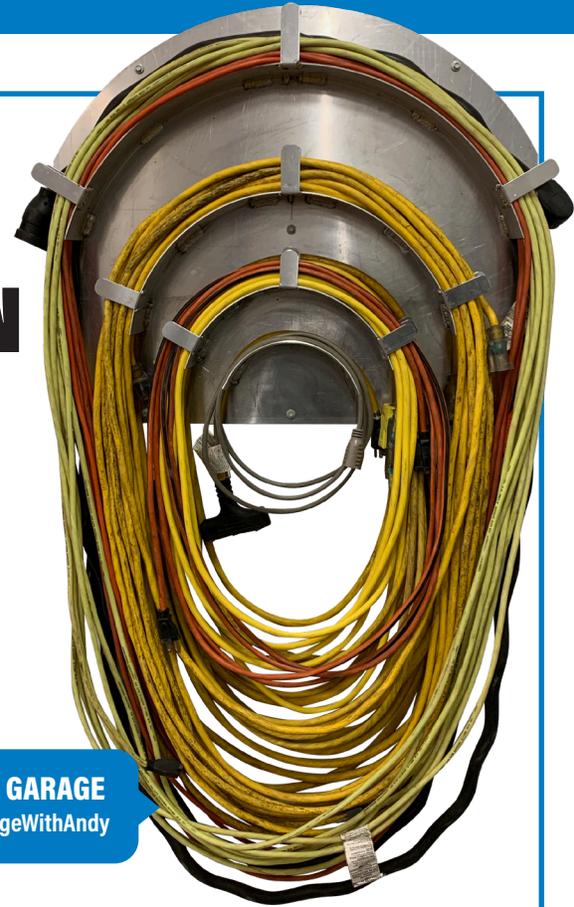
Miller Spoolmate™150 spool gun



Slip rolls  
(or anything round that you can use to form your metal)

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

# EXTENSION CORD STORAGE RACK



**AS SEEN ON REAL GARAGE**

YouTube.com/RealGarageWithAndy

Extension cord storage is finally solved with this vertical rack for your garage. Follow these instructions to weld your own.

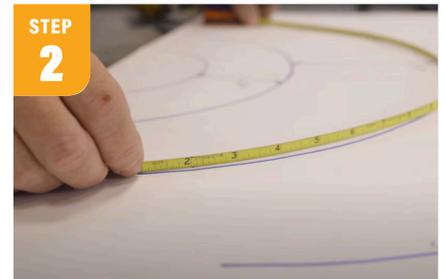
## STEP BY STEP

**STEP 1**



Take a piece of construction paper and lay out your shelf locations and determine the radius to bend for the shelves. My rack will have shelves with radiuses of 13", 10", 7" and 4".

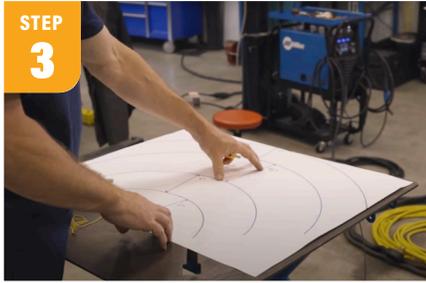
**STEP 2**



Grab a thin tape measure and measure the length of what your shelf needs to be. Mine are 4" wide by 33", 26", 16" and 10".

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**STEP 3**  
Determine the spacing of your shelves based on the number of extension cords you want on each shelf. I chose 6.5", 5" and 3" for the distances between my shelves.



**STEP 4**  
Measure the back plate that you will weld your shelves to. Mine will be cut to 24" by 28".



**STEP 5**  
Cut your shelves. Remember the length is determined by the radiuses.



**STEP 6**  
Cut the radius of the top of the back mounting plate using a plasma cutter.



**STEP 7**  
Make divider tabs to keep the cords separated when hung. They need to be taller than the height of the cords with a 1" bend to attach each one to the shelf.



**STEP 8**  
After cutting your tabs, be sure to round your corners and deburr any sharp edges.



**STEP 9**  
Run your shelves through slip rolls to get the radius you are looking for. If you don't have slip rolls you can use a wheel, a tire or even a metal can.



**STEP 10**  
Bring your shelves back to the construction paper to verify they match the radiuses you drew out.



**STEP 11**  
Weld your divider tab to the center and edges of your shelves. Mine are 2" from the end on the long shelf, 1.5" on the second shelf and 1" on the third, with no divider tabs on the fourth shelf.



**STEP 12**  
Weld your shelves to the back plate using a spool gun and starting in the middle of the shelf.



**STEP 13**  
Drill holes in the back plate to hang the storage rack.



**STEP 14**  
Hang it up and add your extension cords.



To get the latest welding project in your inbox, sign up for the Miller DIY newsletter.

[millerwelds.com/resources/newsletters](http://millerwelds.com/resources/newsletters)

