



◀ **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: One day or less

/ **TOOLS AND MATERIALS**



Miller® Multimatic® 220 AC/DC multiprocess welder
(or other TIG welder)



Hobart® 1/16" MaxalTig® 4943 or 5356 aluminum wire
(or similar filler metal)



.080" thick 5052 aluminum sheet



Stomp shear (or other cutting tool)



Bending brake or hand bending tool



Wire brush



Acetone



Drill



Sheet metal screws

Optional Equipment/Tools



Marker



Tape measure



Square



Clamps



Gas lens for TIG torch

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

JACK STAND STORAGE



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

Do you have jack stands cluttering up your garage? Then check out this DIY jack stand storage rack that will help keep them all in one place.



STEP BY STEP

STEP 1



Measure your jack stands to determine dimensions for each shelf. I made my shelves 9.5" wide x 7.5" deep x 13" tall, with a 7" gusset on the sides.

STEP 2



Cut out each shelf from your aluminum sheet, then make two 90° bends on the sides to create the gussets.

STEP 3



Once your shelves are cut and bent, measure each shelf to determine the width and height of the back piece. Mine ended up being 9 5/8" wide x 52" tall.

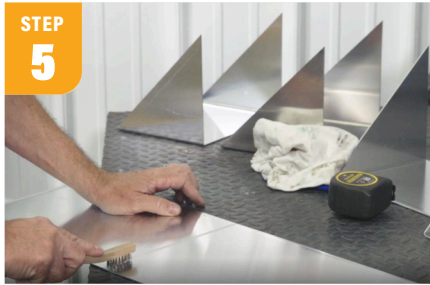
STEP 4



Cut the back piece to size.

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Peel the protective film off of the aluminum, then wire brush the areas you'll be welding and clean with acetone.



Tack weld each shelf to the back piece using a TIG welder. Consider installing a gas lens to the end of your TIG torch, which will help provide better gas coverage on the outer corners.



Once everything is tacked together, fully TIG weld into place.



Mount the completed rack to the wall using a drill and sheet metal screws.



Add your jack stands and enjoy!



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

millerwelds.com/resources/newsletters

