

4Crawler Offroad - Rock SliderZ - DIY Parts Cutting List

Frame brackets:

4"x4"x1/4" flat plate - 4 pcs.

For bolt on, drill 2 or 3 - 1/2" holes vertically on each side for bolt-on installation

Support legs:

Front and Rear:

Use 2"x2"x0.120" wall sq. tubing, can also use 1.5"x1.5"x0.120" square tubing

5.75" long - 4 pcs. 90° cuts both ends

Gussets can be added between bracket and leg if desired.

3/16" or 1/4" scraps, cut ~45° or so 1" - 2" long - 1 pr leg.

Weld support leg to frame bracket:

Flush with bottom for stock height, centered side-side

Raise legs on brackets to match body lift, up 1" for 1" lift, etc.

Outrigger legs:

1.5"x1.5"x0.0120" sq. tubing, - 8 pcs. typical, 4 per side

~20° parallel bevel cuts each end, 3.125" long

This raises the outer bar ~1" above the inner bar

Can do more or less angle as desired, sharper angle raises outer bar, lower angle lowers outer bar

Inner bar:

2"x2"x0.120" wall sq. tube, 60" long - 2 pcs.

45° bevel cut on each end, facing down

Outer bar:

2"x2"x0.180" wall sq. tube, 60" long - 2 pcs.

Use 0.120" wall for standard sliders

Use 0.180" wall for ultimate sliders

You can use other wall thicknesses as desired

45° bevel cut on each end, facing down

Kickout, if desired:

For 1" kick out, cut 12" off each end @ 2.5° vertical angle and swap ends and re-weld

or notch out a 5° (included angle) wedge and bend/weld

For 2" kick out, cut 12" off each end @ 5° vertical angle and swap ends and re-weld

or notch out a 10° (included angle) wedge and bend/weld

End caps

2"x2-5/8"x0.120" flat bar - 8 pcs.

Weld onto 45° bevel cut ends of inner/outer tubes to cap them off.

The end bevels should be facing down in the finished slider.

Air storage, if desired:

Drill and tap hole for 1/4" NPT pipe nipple, weld into place on inside face of inner tube

For air in outer tubes, drill holes in line with one outrigger leg to allow air to pass.

On the end caps, you may consider cutting a 2nd set of end caps to fit inside the tube and

weld/seal those before adding the outer caps, since it can be difficult to seal the outer caps

if you plan to grind the corners smooth.

Detailed Assembly instructions:

https://www.4crawler.com/4x4/ForSale/Docs/NerfBarKit_HowTo.shtml

Notes:

Vehicle frame can be used as the assembly jig. Tack weld the support legs to the frame brackets then

clamp the frame bracket to the frame as noted. Then tack weld the inner tube to the support legs.

Front bracket typically fits with about 16" of inner bar in front of that support leg.

Rear bracket can go most any place you want on flat part of the frame, about 16" forward of the end of

the inner bar works well, staying clear of suspension and body mount brackets. Keep the inner bar

approx. centered between the front and rear wheel wells.

Your truck, your sliders, you can make them whatever length and wall thickness you want.

If you want more support or outrigger legs, feel free to add more.

Assembly instructions:

https://www.4crawler.com/4x4/ForSale/Docs/NerfBarKit_HowTo.shtml

Installation instructions:

https://www.4crawler.com/4x4/ForSale/Docs/NerfBar_HowTo.shtml

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