

4Crawler Offroad - Rock SliderZ - DIY Parts Cutting List
1995.5-2004 Tacoma Xtra Cab pickup

Frame brackets:

4"x4"x1/4" flat plate - 6 pcs. typical

For bolt on, drill 2 or 3 ~1/2" holes vertically on each side

Support legs:

Front and Rear:

Use 2"x2"x0.120" wall sq. tubing

5.75" long, 90° cuts both ends - 6 pcs.

Can also use 1.5"x1.5"x0.120 wall tubing

Gussets can be added between bracket and leg if desired.

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

24° parallel bevel cuts each end, 3" - 3.25" long

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

Can do more or less outrigger legs as desired

You can also change the length to push the outer bar in or out

Generally you want the outer bar to be just wider than the widest part of the body

but narrower than the tires

You can change the angle of the bevel cut to raise or lower the outer bar.

Be sure to keep the outer bar below the out swung door.

Inner bar:

2"x2"x0.120" wall sq. tube, 80" long - 2 pcs.

45° bevel cut on each end

Can go longer or shorter if desired, up to a few inches short of the wheel well arch distance

Outer bar:

2"x2"x0.180" wall sq. tube, 80" 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

Can go longer if desired, and can cut outer bar ~2" shorter than the inner bar

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.

Air storage:

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:

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

Here is an assembled photo:

Note: This is the shorter regular cab model, the extra cab model is longer and has a 3rd support leg:

http://www.4crawler.com/4x4/ForSale/Images/nerf_17.jpg

Tack weld the support legs to the frame brackets

Vehicle frame can be used as the assembly jig, simply clamp the frame brackets to the frame as noted.

Then tack weld the inner tube to the support legs.

Front bracket typically fits with 18" of inner bar in front of that support leg.

Rear bracket can go most any place you want on flat part of the frame, around 12" forward of the end of the inner bar works well, staying clear of suspension and body mount brackets.

The middle support leg, if desired, can go anywhere in between the front and rear leg that the frame is flat and clear of other obstructions.

Keep the inner bar approx. centered between the front and rear wheel wells.

You can make the bars longer or shorter (than the 80" lengths) if desired.

We chose 80" length as a good fit for the truck

Also was about as long as could be economically shipped via UPS.

Since you are likely not shipping these sliders, you can make them any length you want.

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

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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