

RockSliderZ parts cutting list for 2nd generation Montero rock sliders.
LWB assumed, adapt inner/outer tube lengths for shorter wheel bases.

Frame brackets:

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

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

Support legs:

Front:

2"x2"x0.120 wall sq. tubing, 9.5" long on the long side - 2 pcs.

90° cut one end, 11° bevel cut on the other end

Rear:

2"x2"x0.120 wall sq. tubing, 5.75" long - 2 pcs.

90° cuts both ends

Gussets may be added between bracket and leg if desired. 3/16" or 1/4" scraps, cut ~45° or so, 1 pr leg.

Outrigger legs:

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

7° parallel bevel cuts each end, 4.375" long

Inner tube:

2"x2"x0.120" wall sq. tube, 66" long - 2 pcs.

45° bevel cut on each end

Outer tube:

2"x2"x0.180" wall sq. tube, 64" long - 2 pcs.

0.180" wall for ultimate sliders, 0.120" wall for standard sliders

45° bevel cut on each end

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"x2.75"x0.120" flat - 8 pcs.

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

Vehicle frame will be used as the assembly jig. Front bracket typically fits inside the frame pocket for the transfer case mount. Rear bracket can go most any place you want on flat part of the frame. For aesthetics, you can place it as far in front of the rear wheel well as the front support is back from the front wheel well, typically 12"-13" from either end of the inner bar. And keep the inner bar approx. centered between the front and rear wheel wells. And you can make the bars longer or shorter (than the 66"/64" lengths) if desired. For example, to save some money, you could cut all 4 bars at 60" long from one 20' stick of 2"x2" square tube. Your truck, your sliders, you can make them whatever length you want. And on the outrigger legs, you can offset them to lift the outer

tube higher, if desired. Weld the inner end of the outrigger flush to the top of the inner tube. Then weld the outer end flush to the bottom of the outer tube. This will raise the outer tube about 1/2" higher than would otherwise happen.

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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