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

Support legs:
- For stock height:
  - Use 1.5"x1.5"x0.120: wall sq. tubing
- For 1/2"+ body lifts:
  - Use 2"x2"x0.120: wall sq. tubing

- Front:
  - 4.25" long on the long side - 2 pcs.
    - 90* cut one end, 9* bevel cut on the other end
- Rear:
  - 3.75" long - 2 pcs.
    - 90* cuts both ends
- Gussets can be added between bracket and leg is 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 or 1" body lift, centered side-side
  - Raise 1" for 2" body lift and flush with top for 3" body lift
  - Should end up approx. 1" inside the body pinch weld seam and about 1/4" - 1/2" below that seam.

Outrigger legs:
- 1.5"x1.5"x0.0120" sq. tubing, - 8 pcs. typical, 4 per side - can do more or less as desired
  - 27* parallel bevel cuts each end, 4.375" long

Inner tube:
- 2"x2"x0.120" wall sq. tube, 64" long - 2 pcs.
  - 45* bevel cut on each end

Outer tube:
- 2"x2"x0.180" wall sq. tube, 62" long - 2 pcs.
  - Use 0.120" wall for standard sliders
  - Use 0.180" wall for ultimate 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"x2-5/8"x0.120" flat - 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.

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 just behind the transfer case mount with ~21" of inner tubing in front of that support leg. Rear bracket can go most any place you want on flat part of the frame, around 13"-17" forward of the end of the inner tube works well, staying clear of suspension and body mount brackets. Keep the inner bar approx. centered between the front and rear wheel wells. And you can make the bars longer or shorter (than the 64"/62" 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.

Assembly instructions:

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

Installation instructions:

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