Rear Suspension Tech Sheet

1. Set the vehicle up at the desired ride height, front & rear. When centering the wheel/tire in the fender opening, use the same overall diameter tire as you will be running. Since this is a custom built kit for your vehicle, we try to build it to your desired ride height. Just tell us where the center hub of the wheel needs to be in relation to the frame rail.

2. Include a posterboard template of the side of the frame rail, with the axle centerline marked all the way through it, top to bottom and perpendicular to the ground. This needs to be done with the vehicle at the desired ride height. This template should be start at 8” ahead of axle centerline to 13” behind axle centerline. If the frame lip has a lump out area, include a template of the top with axle centerline marked, as well. *For Leaf Spring and C4 Corvette rear suspensions, the template should go to 22” behind axle centerline.

3. If we are providing the Rear Axle with the suspension, measure the overall width of the fenders from the outside to outside. This can be done with a plumb bob to the ground, from one side to the other. Also, measure the thickness of the fender lip and inside of body/frame, where the inside bulge of the tire could make contact.
Overall Width of Frame (outside of rail to outside of rail):

Dimension A (20” ahead of axle centerline) _________________________________
Dimension B (axle centerline) _____________________________________________
Dimension C (11” behind axle centerline) ___________________________________

Overall Width of Frame Top Lip (Most are typically 2”-3” wide):

Dimension A (20” ahead of axle centerline) _________________________________
Dimension B (axle centerline) _____________________________________________
Dimension C (11” behind axle centerline) ___________________________________
Overall width of Fenders, Outside to Outside____________________________________
Thickness of fender lip____________________________________
Inner Wheel well width, Outside to Outside____________________________________

*For Leaf Spring suspension, width of frame 20” behind axle centerline___________

Dimension D (Height from center of axle tube to bottom lip of frame)_______________

Which rear suspension:     Leaf Spring  Trianglated 4-bar  Paralell 4-bar
5-link                      Sweet Ryde C4 Corvette (84-87 or 88-96)

Name: __________________________________________________________________
Address:________________________________________________________________
City: ____________________________ State:_____________ Zip:_________________

Daytime Phone Number: ___________________________________________________

*For C4 Corvette rear frame sections, please include the following:
Top lip and side rail template from 20” ahead of Rear axle centerline to the rear of frame,
Width of rear frame rails, outside to outside___________________________________

* All custom built kits require a 50% non-returnable deposit at the time the order is placed. No returns on custom built kits.