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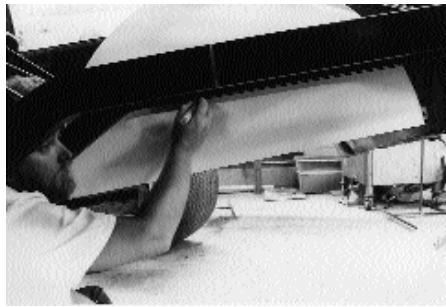
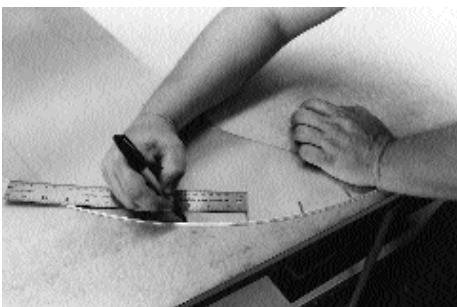
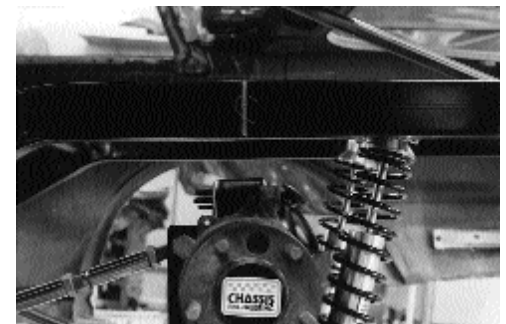
Manufacturers and Distributors of quality chassis, suspension, driveline and components

Wheel Well Instructions

Part #: 3681 Aluminum Wheel Well (23 X 40)
3682 Steel Wheel Well (23 X 40)
3684 Steel Wheel Well (23 X 36 No Beads)
3685 Aluminum Wheel Well (28 X 45 No Beads)

NOTE: Shocks must be adjusted to correct ride height before starting.

1. Jack the rear of the car up and place jack stands under the 2" x 3" dropped crossmember. The chassis needs to be level side to side. With jack stands supporting car, use the floor jack to raise the rear end to a height so that the rear shocks are compressed to the same length that would be at ride height, which would be 13-1/2" eye to eye. With this done and the tires mounted to the housing, the tires are positioned into the tub area at a height equal to their position when the car is ready to race. (See photo 1)
2. Measure from the ground to the top of the tire at the axle centerline. Write this down for reference later. (See photo 2)
3. Then remove the tires and draw a line on the frame rail, at a point directly over the housing centerline. After you have your axle centerline marked remove the rear end housing and shocks from the car so you have more room to work. (See photo 3)
4. Take the tub side and mark it every 3 inches around the radius starting at the side that will be the front (see photo 4).
5. Hold the tub side up to the frame rail and center it on the axle centerline mark. You will also have to take your measurement that you took from the ground to the top of the tire and add 5 inches to it. This is the measurement you should have from the ground to the top of the wheel tub side when it is centered on the axle centerline mark. You will have to rotate the side to the front or back. Once positioned fasten to frame rail temporarily using rivets or clecos. (See photo 5).
6. Take a measurement from the 2" x 3" crossmember up the frame rail to the wheel tub. This will assist you placing the other wheel tub. Repeat step 5 for the other side.



7. Starting at the front, measure from the first mark on the tub to the fender, make a list of all the measurements all the way around the tub side. (See photo 8)

8. Use the cardboard from the box the wheel wells came in and mark it every 3 inches. Measure out all the measurements you took off the tub side on the cardboard. (See photo 9)

9. Connect all the marks then cut it out. (See photo 10)

10. Test fit the cardboard, you will most likely have to cut more off or mark it to add more when you mark the aluminum.

11. Once the cardboard fits, trace it on the flat aluminum remembering to add to the places you need to add to. Make sure that you mark the right side and start at the right end of the aluminum. Do one side at a time, make a template for each side.

12. Assemble wheel tubs before cutting anything.

13. It will take more than one person to assemble the wheel tubs. Start with the top of the tub standing on its side with one person holding the pittsburgh seam up, the other person holds the tub side in the pittsburgh seam and hammers over the lip every 6 to 8 inches. After the tub is held together go back and hammer all of the lip over. Repeat for the other side. (See photos 14, 14a, 14b, 14c)

14. Now that the wheel tubs are together cut sides and top to shape. Install in car making sure they are level. (See photo 15)

15. Rivet wheel tubs to the frame rails spacing rivets 2 inches apart. (See photo 16).

16. Silicone tubs to fender to seal. (Can also use fiberglass)

