Squaring "Zero" Your GT American Race Car

Squaring Your Car:

Refer to the "Zero" Set Up Sheet.

1) Put both front and rear axles on set up blocks.
2) Left side birdcage- you want the inside face of birdcage to be flush with the outside face of the chassis.
3) Center steering column in the chassis.
4) Time the birdcages.
    a. Radius rod bolts plum to axle.
    This can be achieved by placing a protractor on the left and the right birdcages. (Left-15 degrees, right 30 degrees.)
5) Measure between the rear cross member and rear axle.
    a. Should be 4" 5/16 (+/-).
    b. ***Measurements should be equal on both sides.***
6) Plum front axle with protractor.
    a. Left side 0 degrees.
    b. Right side 5 ½-6 degrees.
7) Measure from rear axle to centerline of spindle.
    a. Should be 44", 46",48",50" (+/-) ***1 ¼ to 1 ¾ shorter with SWB axle***
    b. ***Measurements should be equal on both sides.***
8) Zero Shocks
    a. Bring adjusting collar down to touch spring.
9) Put tires and wheels on the car. Air tires to:
    a. Right front 10 lbs, right rear 10 lbs.
    b. Left front 10 lbs, left rear 7 lbs.

Prepare "Race Ready" car: including fuel, weight, and motor, *minus driver*.

Setting the Ride Heights:

Use a consistent, level, flat surface when setting ride heights.

1) Rear ride heights should be about 4¼. (Measure back of car first)
    a. To attain this, you may need to raise the left side of the car and lower the right side of the car.
    Any adjustments done to the left rear must be done to the left front.
    Any adjustments done to the right rear must be done to the right front.
2) Front ride heights should be 8⅛ **(7 ¾" with SWB axle)**(Measurement of the right front cross member)
    When raising front of car, raise evenly.
3) Measure the weights of your car:
    a. Put scales under rear wheels only.
    b. You should have 11-13 lbs (+/-) of left rear weight.
4) Do track set up.

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