

CO₂ CAR SPECIFICATION SHEET

NAME	PERIOD	DATE
ACTUAL FINISHED WEIGHT IN GRAMS (Assembled without CO₂ cartridge)		

**All cars will be constructed from the wood block supplied and will have four (4) wheels.
No additional parts may be added to the block (ie. ; fenders, spoilers, wings etc.)**

PRODUCTION SPECIFICATIONS		MIN	MAX	ACTUAL
Dragster Body				
	Dragster body length	8in.(203mm)	12in.(305mm)	
	Dragster body height with wheels		3in.(76mm)	
	Dragster body weight with wheels	1.6oz.(45g)	6oz.(170g)	
	Dragster body width at front axle	1-3/8in.(35mm)	1-5/8in.(42mm)	
	Dragster maximum width (including wheels)		3-1/2in.(90mm)	
Axles / Axle Holes / Wheelbase				
	Number of axles	2	2	
	Axle hole center above bottom of dragster	1/8in.(3mm)	3/8in.(10mm)	
	Rear axle hole center from rear of dragster	1/2in.(13mm)	4in.(100mm)	
	Front axle hole center from front of dragster	1/2in.(13mm)	4in.(100mm)	
	Wheelbase (axle center to center)	4-1/2in.(105mm)	10-1/2in.(270mm)	
Spacers / Washers / Clips				
	Spacer washers		8	
	Axle clips or similar		8	
CO₂ Cartridge Hole				
	Depth of hole	1-15/16in.(50mm)	2-5/16in.(59mm)	
	Housing thickness (around CO ₂ cartridge hole)	1/8in.(3mm)		
	Housing inside diameter (CO ₂ cartridge hole)	3/4in.(19.5mm)	3/4in.(19.5mm)	
	Lowest point of CO ₂ cartridge hole to race surface with wheels	1in.(26mm)	1-11/16in.(43mm)	
Screw Eyes				
	Distance apart at farthest point	6in.(152mm)	10-1/2in.(270mm)	
Wheels				
	Front diameter	1-1/4in.(32mm)	1-7/16in.(37mm)	
	Front width at surface contact point	1/16in.(2mm)	3/16in.(5mm)	
	Rear diameter	1-1/8in.(30mm)	1-9/16in.(40mm)	
	Rear width at surface contact point	9/16in.(15mm)	3/4in.(19mm)	

CO2 Design Envelope

Mr. C's CO2 Racing Resources
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