

# CO2 Car Specifications

# Dragster Body

- DB1: One (1)-piece, all-wood construction. Any type of lamination will result in disqualification. Two (2) or more like or unlike pieces of wood glued together are not considered one (1)-piece, all-wood construction. No add-ons such as body strengtheners, fenders, plastic canopy, exhausts, or air foils may be attached to or enclosed within the vehicle. Fiberglass and shrink wrap are considered body strengtheners and cannot be used on the car body for any reason. Decals may be used for decoration only. They may not be used to gain an aerodynamic advantage, i.e., decals cannot cover the exterior axle holes or be used to cover open areas of the body.

# Dragster Body Length



- Min 200mm Max 305mm

# Dragster Body Mass (without Co2)



- Min 40 Grams

# Dragster Body Width at Axels Front & Back



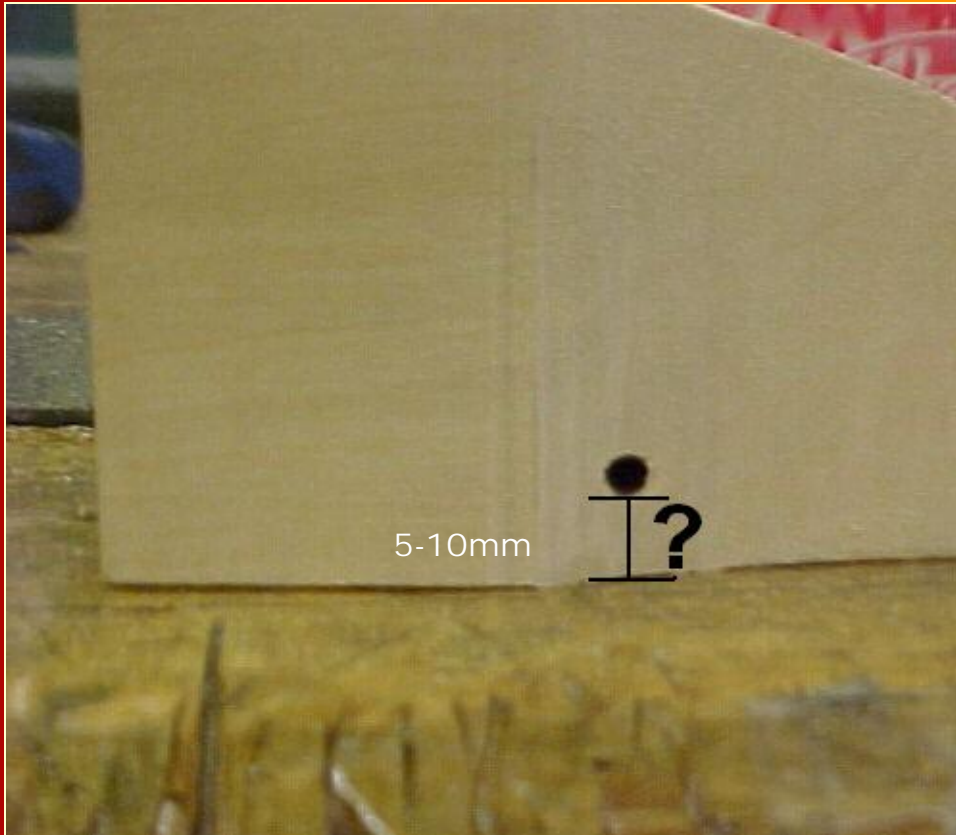
- Min 35mm Max 42mm

# Axel per Car

- Dragster must have two (2) axles per car, no more.



# Axel Hole (Position above the bottom of the Car)



- Min 5mm Max 10mm

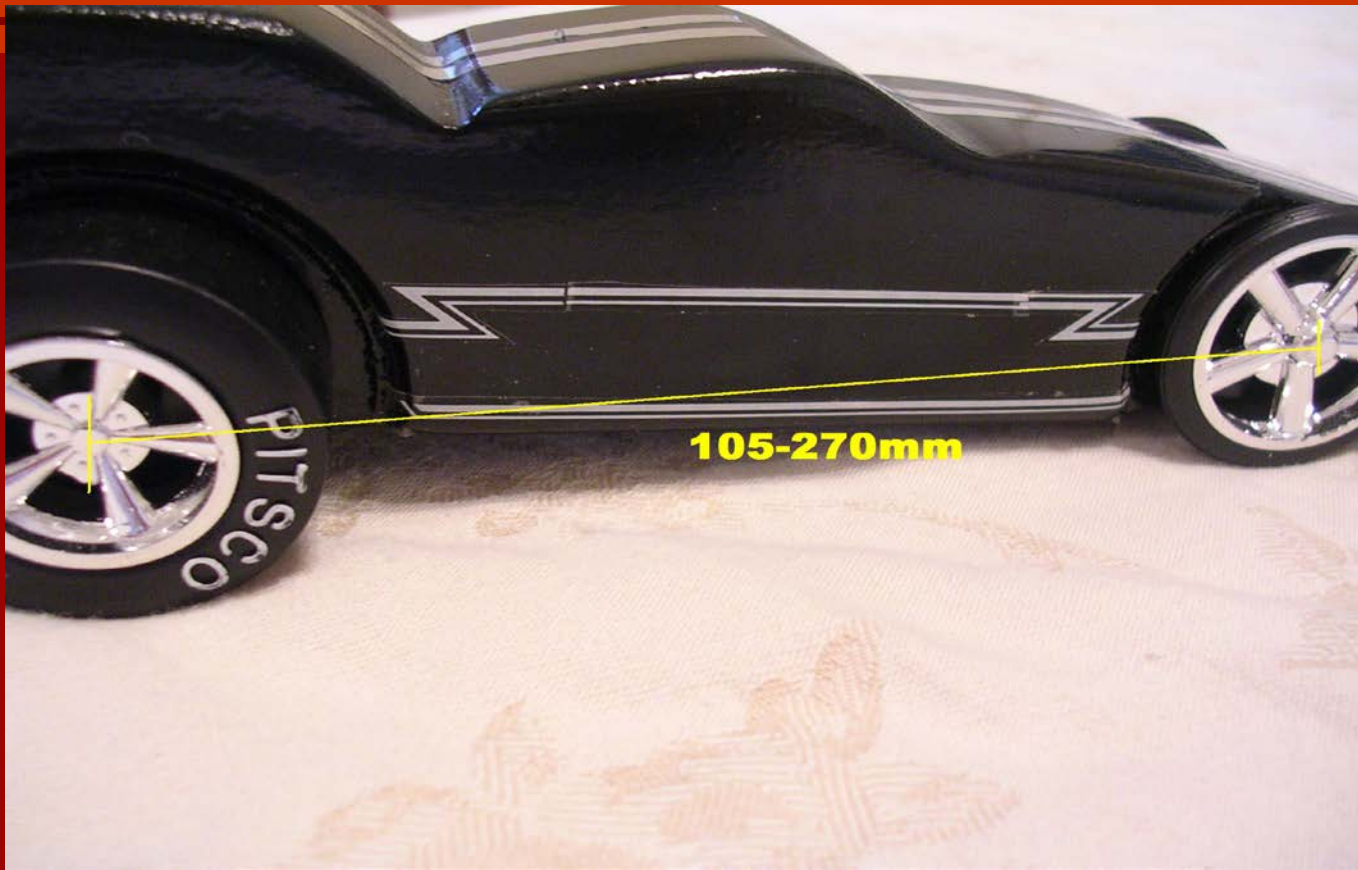
# Axel Hole Position from both ends of the Body



- Min 9mm Max 100mm



# Wheelbase



- Min 105mm Max 270mm

# Bearing Bushing and Lubricants

- Bearings, bushing and lubricants may be used

# Spacer Washer

- Spacer Washer, Maximum: 10

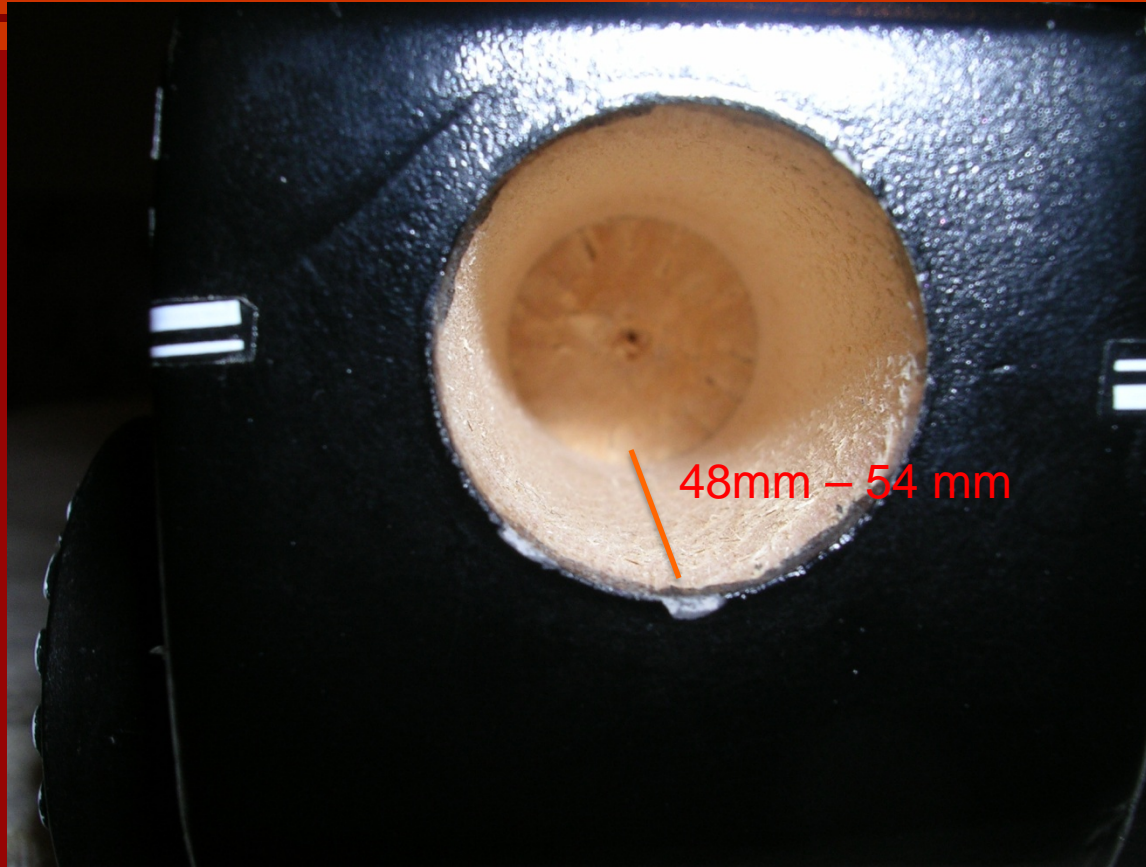


# Axle Clips

- Axle Clips, Maximum 4



# Power Plant Hole Depth



- Min 48mm Max 54mm

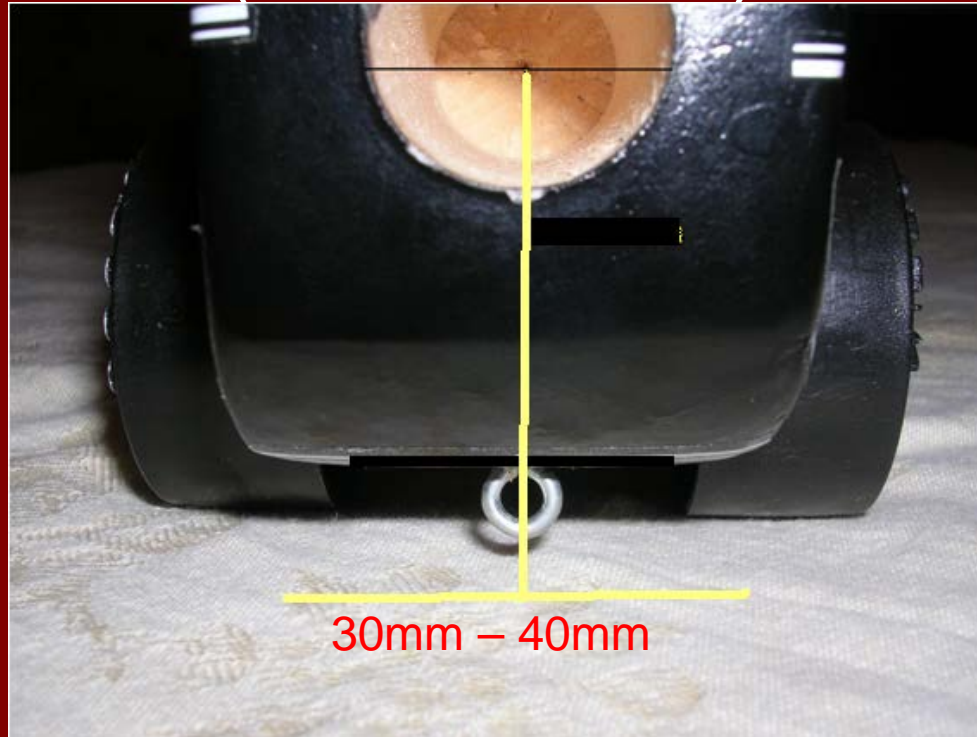
# Power Plant Housing Thickness



- Min 3mm

# Chamber Diameter to Race Surface

- Lowest point of chamber diameter to race surface (With Wheels) 30mm – 40mm



# Screw Eye Inside Diameter



- Min 3mm Max 5mm



# Screw Eye Distance Apart



Min 150mm Max 270mm

# Wheels

- W1: A dragster must have exactly four (4) wheels. All four (4) wheels must touch the racing surface at the same time. All wheels must roll. Wheels must be the wheels provided.