

DEL-MI DISTRICT OFFICIAL PINEWOOD DERBY RULES

Cars racing in the District Championship must be the same cars used in the Pack Race. Cars racing in the District Open Championship can be the same cars used in the Pack Race or new cars.

MATERIAL	The car body (wood block), wheels and axles (round head nails) must be from the Official Pinewood Derby Kit. The nails may be polished. The car may not ride on any type of springs. The cars must be freewheeling, with no starting device or other propulsion.
WIDTH	Maximum overall width allowable is 2-3/4 inches (including wheels and axles).
LENGTH	Maximum overall length allowable is 7 inches.
CLEARANCE	Minimum clearance under the body is 3/8 inch.
WHEELBASE	Extended wheelbases will not be allowed, <u>do not move the axle slots</u> .
WEIGHT	Weight cannot exceed 5 ounces. The car may be hollowed out and filled or built up to maximum weight with other items like steering wheels, drivers, lead sinkers, etc.
WHEELS	Wheels may be lightly sanded, only to remove bumps and ridges. They may not be shaved, tapered, or reduced in diameter or width. Some of the original surface must be evident and will appear as a shiny spot on the surface. Wheel bearings, washers and bushings are prohibited. Shaving the wheel to reduce its weight is not allowed.
LUBRICATION	Use only dry powdered graphite or Teflon. No silicones, oils, or grease are permitted since they react with the plastic wheels and could damage the track.
WOOD BLOCK	Please do not paint or formally finish the bottom of the car, the raw pinewood block will need to be inspected for originality. No weights on the bottom of the car at all. Car bottom must be smooth or it will ruin stopping system.
AXLE SLOTS	Do not permanently cover the axle slots. Glue can be added for stability; once glue dries it becomes partially transparent and the axles can be inspected for originality.
INSPECTION	The car must pass inspection by race officials prior to racing. Once inspected, no modifications can be made, except to repair accidental damage.