

Demolition Drag Derby Rules

Vehicle Specifications - (that YOU can make!)

- a One vehicle per person
- b One patch is awarded per registering drag car.
- c ALL vehicles may compete for the "visual design" and "engineering" awards.
- d Make it FAST & STRONG as this is a demolition drag derby. Vehicle impact is a possibility.
- e The vehicle must roll on "functioning" wheels. No other part of the vehicle may touch the track surface.
- f Racing Officials have the right to refuse any vehicle that could damage the track.
- g Appearance of your vehicle? Total creativity allowed! It can look like anything! A real drag car or even a duck on wheels.
- h NO sharp edges or corners. Sand 90 degree corners on the body to remove the edge. If it is sharp, you cannot race!
- i "Y" Youth Car Class: Vehicles MUST be 100% made by youth. If adults helped, move up to adult class.
- j "A" Adult Car Class: 18 years and older (leaders, adult staff)
- k "Y" Class must have Troop # on vehicle. Car number to be added later. "A" & "S" class: Troop # required on car.
- l Youth Staff may compete against other youth staff members if they wish to.
- m Chance to earn some credit towards "Wood Working" &/or "Wood Caving" merit badges. See your Scoutmaster for details.
- n Make your vehicle weeks (or months) before the Camporee. Do not wait until the last minute.
- o Other rules apply as per the racing team at the time of the Event

Questions: scouterdoug@hotmail.com

1	Width (overall)	Minimum: No limit / Maximum of 4.5"	
2	Length	Minimum: No limits / Maximum of 24"	
3	Height	No limits	
4	Weight	3 pounds Maximum	Final gross weight as made only.
5	Metal or other Weight to "beef up"	<i>Not allowed!</i>	No "extra" weights of any kind.
6	Bumper at front end (F.E.)	1" wide minimum at center of front	This contacts the Starter Strip
7	F.E. Bumper to track height	Minimum of 3/4"	This contacts the Starter Strip
8	Bumper at back	No limits	
9	Body & bumper material	Plastic or wood ONLY	This includes ornaments
10	Wood screws, glue, nails	No limits	Must be used as designed
11	Body height from track	1/2" minimum	NOTE: Vehicle <i>must</i> stay in the lane until 1" side barriers end.
12	Wheels: Dimension, quantity, type	No limits. One suggestion is using a 2" to 4" hole drill / saw to make wheels	
13	Wheel, axle material, support	No Limits, except support. If metal must be used for this purpose only	
14	Wheel surface (on track)	Plastic, wood or rubber	Use rubber bands on wheels if needed
15	Sharp edges anywhere on the car	Not allowed!	
16	Struts, springs, etc	No restrictions	Must be functional for purpose intended.
17	Propulsion devices, bearings, etc.	<i>Not allowed!</i>	
18	Kit car (body / frame)	<i>Not allowed!</i>	Cub car wheels ARE allowed
19	Electronic devices, steering or other	<i>Not allowed!</i>	
20	Oil, graphite	No restrictions	Look up "drag car pictures" on the internet

Track Specifications	Racing Schedules	Awards for Each Class
1 Lane (inside barriers) width is ~ 4.75" max.	<i>To be determined</i>	<i>To be determined</i>
2 Three racing lanes		
3 Side & lane barriers height = ~ 1"		
4 Lane barriers end ~1/2 way down the track		
5 Vehicle contact may occur after inside barriers end		
6 Track uses gravity as energy for the vehicles		
7 Curves, ramps, etc. are a possibility		
8 Some joints may have a small bump		
9 Bottom may have a solid wall the vehicles hit to stop		
10 Track length is ~ 160 feet		

To Scoutmaster:

This will be a great opportunity for scouts (& adults) to make their own personal Scout Drag Cars. Please encourage them.