

Yolo County Fair

2018 Mini Car Demo Derby Rules

These rules do not apply to the Full Size Stock Cars

All rules are subject to the interpretation of the officials, any equipment that the officials consider not in the intent of the rules will be considered illegal for competition. In the interest of fairness the rules may be adjusted to create a balance in competition. **The official's decisions are FINAL!!!**

This is a last car running one shot event.

Tech and Rules Questions: Moon Mullins (209) 566-4280 or derbycar65@yahoo.com

Safety:

1. Anyone entering pit area must display pit pass and show valid ID
2. Persons 16 or 17 years of age will need a parent to sign the Notice of Non-Responsibility form
3. No Open Toe Shoes allowed in the pits
4. No animals allowed in pit area
5. Keep your pit area clean, remove your trash
6. Alcohol, Drugs, Firearms, Verbal or Physical abuse will not be tolerated
7. **** No outside drinks allowed in the pits ****

Driver Rules:

1. All injuries must be reported to track officials no matter how minor
2. Regulation racing crash helmets must be worn by driver during the entire event
3. Long sleeve shirts mandatory, no shorts
4. Seat belts must remain buckled during the event
5. Drivers are to stay in their vehicle during the entire event, except when directed by officials
6. Drivers only allowed in arena during and after event. **Pit crew in arena will disqualify driver**
7. Driver's Meeting must be attended by all holding a pit pass (Mandatory)
8. **Drivers may be disqualified for:**
 - a. Sandbagging, (staying in the background and doing little hitting)
 - b. Being hooked to another car too long or not making contact with another car
 - c. Drivers door contact or hitting vehicle of driver that has waved off
 - d. Teaming will not be allowed
 - e. Car condition (Anything that endangers participants) will not be allowed to run
 - f. Driver or Pit Crew Behavior can cause your car to be removed from the event

Mini Car's

1. 102" (inch) WHEEL BASE OR SMALLER VEHICLE ONLY
2. (102" is measured from the center of the front wheel to the center of the rear wheel)
3. NO MID SIZE VEHICLE
4. 4 or 6 CYLINDER ENGINE ONLY
5. No 4 wheel drive or all wheel drives. No pickups or Sports Utility Vehicles (Front or Rear wheel drive cars O.K.)
6. All doors may have 12" weld on each seam. Exception, driver's door may be welded solid for driver's safety
7. Trunk lids may be welded a maximum of 5 feet with ½" thick filler rod or 2" X 1/8" thick flat strap
8. Trunk lids may be tucked in (50% in stock location), and welded to the floor of the trunk
9. 5 feet may be broke up however you choose on trunk lids, this includes trunk tucks
10. Trunk lids must have a 10" X 10" hole cut for inspection. You may bolt the inner to the outer of the trunk lid, with 4) 3/8" bolts, with washers no bigger than 1 inch, where you cut out the hole for inspection

11. You cannot weld the inner to the outer of the trunk lid
12. No inner seam welding inside the trunk, except where the trunk is tucked
13. You may have 2 all threads 1 inch thick, welded to the side of the frame or through a body bolt, and then up through the trunk lid. Washers may be no bigger than 3". All threads must be in a vertical position
14. Deck lids and tailgates on wagons may be welded a maximum of 5 feet, with ½" thick filler rod or 2" X 1/8" thick flat strap. 5 feet may be broke up however you choose on deck lid and tailgate
15. Deck lid and tailgate can only have a total of 5 feet of weld together
16. Deck lids must have a 10" X 10" hole for inspection
17. You may not weld the inner to the outer of the deck lid. No inner seam welding under deck lids.
18. Deck lids must be in factory position
19. You may have all threads 1 inch thick going through the rear body bolts or welded to side frame next to the body bolts a maximum of 2 inches. All threads may go up through the deck lids to the rear posts of the wagon, or angled through the tailgate
20. You can use 4 hood bolts with a maximum 6" X 6" X 1/4" thick gussets, bolts may only be a maximum of 1" thick. Washers may be no bigger than 3"
21. If hood bolts are not used, 4 chains may be used. No more than ½" thick is allowed
22. 2) All threads 1" thick may be used to replace front body bolts and must go vertically through the hood. If you do not go through the body bolt location, you may weld a maximum of 2 inches, with no filler rod or added metal to the side of the frame next to the body bolts, then vertically through the hood. You may weld the all threads to the top of the core support with a 4" X 4" X W flat plate
23. The 4 hood bolts or the 4 chains can be used in combination with the all threads
24. 8) 3/8" thick bolts, with washer no bigger than 1" are allowed to bolt to the inner to the outer, when hole is cut out for headers and carburetor
25. A hole is required in hood above the carburetor in case of a fire
26. No welding the inner to the outer of the hood
27. Brace behind driver's seat is MANDATORY from side to side. (Driver's door to passengers door brace may be a maximum of 8" (inches) in diameter. A 3rd bar is okay must be 1" away from the wheel well
28. Vehicles, which have run other derbies, may not run if officials rule the car is too bent up.
29. All glass, side chrome and flammable material must be removed. Glass cannot be rolled down, it must be removed. Rear seat must be removed. This must be done before bringing the vehicle to the event
30. A spark arrester or air cleaner must be on carburetor. No oil type. It is also MANDATORY to have at least a 10" (inch) hole cut in the top of the hood above the carburetor
31. VERTICLE BAR IS MANDATORY IN WINDSHIELD OPENING, "IN FRONT OF DRIVER". Maximum of 2 BAR'S ONLY! Welded from cowl to roof
32. NO adding weight to vehicle, at all, such as packing the trunk, doors, etc
33. If your car is rolled on its side or roof during the derby and is pushed back over by another car, you may continue to race, however, NO person shall enter the arena to push your car over. An official may also disqualify it from race if not safe to continue for any reason they see fit
34. There will be no building of vehicles in pit or derby area (Please do them at home)!
35. All vehicles must exhibit the ability to stop before entering the derby arena
36. NO chains or U-bolts allowed around body to frame on any vehicle. If chain is needed after a heat for repairs, officials must OK it before entering arena. No Exceptions!
37. RIGID SUSPENSION allowed in front only. No coil to leaf conversions. Only stock automobile shocks and springs. No pipe in rear of vehicle to be used as shocks. No extra leafs; tape or any welding on springs allowed. ONLY STOCK AUTOMOTIVE SHACKLES WILL BE ALLOWED. LEAF SPRINGS MUST BE STOCK LENGTH. NO SHORTENING OF LEAF SPRINGS ALLOWED. Bolting or welding of "A" arms to frame to raise car is allowed. To raise front of car, welding of upper A arms is allowed by using flat plate no larger than 2"x3"x1/4" at both front and rear of A arms. No welding in center of A arms. Official's decisions are final!

38. NO trailer hitches. NO objects protruding outside of vehicle
39. Gas tanks must be an approved tank made of steel. (Example) Jeep can, Boat tank, etc., and approved by officials. Gas tanks must be securely placed and must be bolted or chained solid. Tanks must be capped and placed directly behind the driver inside of vehicle. Stock gas tanks CANNOT be used and MUST be removed from vehicle. NO electrical or pressure type fuel systems will be allowed (6 Gallon tank max)
40. EXCEPTION: Because of newer model vehicles equipped with fuel injection systems that have to run with electrical fuel pumps, an electrical kill switch MUST be added and placed where an official can turn it off as a safety precaution. Drain holes must be in the floorboard near gas tank in case of possible fuel spills
41. No alcohol or methanol allowed because of fire and safety reasons. Regular gas only
42. Battery must be moved to the inside of the vehicle and covered with a non-conductive material (Example: rubber inner tube) to protect the driver. Battery must be securely bolted to the front passenger floorboard of the vehicle, not close to the door. No restriction of battery size (2 batteries maximum). NO WOODEN BOXES OR PLASTIC MILK CRATES, ETC., NO PLUMBERS TAPE ALLOWED!
43. Body to frame HARDWARE and BUSHINGS, must be *O.E.M. stock. Frames must be in *O.E.M. condition on any/all vehicles. *O.E.M. means Original Equipment Manufacturer. Official's decisions are final.
44. Radiator must be stock automotive and in original stock position. NO additional supports or mounts, ONLY wire or plastic ties may be added. NO water inside of vehicle. NO ANTI FREEZE. ****No heater cores or etc. inside an ice chest****
45. Fire wall must be stock with NO LARGE HOLES. Cover them up!
46. Approved safety helmets and seat belts are required and must be worn during the entire event
47. ALL STATION WAGONS: SPARE TIRE, COMPARTMENT LID AND ALL SEATS, EXCEPT FRONT SEAT, MUST BE REMOVED
48. CAR NUMBERS MUST BE AT LEAST 18" ON BOTH SIDES AND TOP OF VEHICLE. Please use contrasting color of paint for numbers on car so officials, scorers and announcer can identify. Write legibly! 1st Registered vehicle number will get that number. No "X" or letter may be added. A different number must be chosen. NO PROFANITY MAY BE PUT ON VEHICLE
49. FRAMES, BUMPERS, ETC., MAY BE CUT OR DRILLED BEFORE OR AFTER DERBY AT THE OFFICIALS DISCRETION. DRIVER MUST COMPLY OR WILL FORFEIT ANY AND ALL WINNINGS FOR THAT NIGHT
50. 15" maximum tire size. Double tires OK. AIR ONLY. Mud grips are allowed on drive tires. Any ply tire accepted. NO forklift tires. Valve stem protectors allowed (weld them on securely). No wheel weights allowed
51. NO FULL SIZE BUMPERS CUT DOWN TO FIT! Max bumper height is 18 inches from bottom of bumper to ground
52. Driver's door may have BIG iron on outside of door, no size limit but must not be more than 6 inches beyond door edges and tapered smooth at ends, welded or bolted (HIGHLY RECOMMEND)!
53. Frame repair is allowed up to 10" per frame rail, no bigger than 1/2" x 3" flat bar or plate. You may break up plate, however you want, as long as it is no longer than 10". ****Frame repair-allowed on side or bottom of frame only**

The following options may also be used on Mini Derby Cars:

- Goggles and gloves are highly recommended for driver
- Padded driver's compartment and door is advisable
- Floor shifters are allowed
- Locked rear end is allowed
- Radiator Fan
- Springs may have (2) additional clamps per side, 1/4" in thickness and not over 1 1/2" width. Maximum of 2 bolts per clamp
- Hand throttle
- Only (1) automotive A/C condenser allowed in front of radiator
- If dashboard is removed, a side-to-side brace is allowed in dash's position (6" max. diameter). Driver and passenger side brace may be used inside vehicle only with (8" max width). A 3rd bar is okay must be 1" away from the wheel well
- Passenger door and driver's door, NO LIMIT ON SIZE!
- Drivers door ONLY may have a solid metal plate on the inside & outside. "BIG IRON" (Highly Recommended)!
- Exhaust may be diverted through the hood AKA "ZOOMIES"
- Coil springs may be welded in REAR so they won't fall out (NOT LEAF SPRINGS)
- Chain may go around front or rear bumpers
- 4 strut cage or box inside of driver compartment is highly recommended. Cage cannot be attached to floor (Call, if you have any questions on this option)
- Bumper tips and fenders may be trimmed for clearance
- Engine may be chained or welded at the motor mounts and head mount ONLY
- A 3" washer may be welded around holes where chain is used
- Thick plate under drivers compartment floor OK. Must not be welded or bolted to frame. (SAFETY RECOMMENDATION)
- Distributor protection allowed but must be braced from engine only, not body or firewall. If distributor protector is used you must cut a 12 x 12 hole in firewall behind distributor so it is a distributor protector, NOT A BRACE!
- Bumpers must be stock automotive bumpers. Brackets may be welded to bumper and frame. Bumper may be welded to bumper brackets and bumper brackets may be welded to frame. Bumper seams may be fully welded inner to outer (No filler or added material will be allowed). Non 5 mph bumpers may be welded to body; 24" total. May use 2" x 1/4" flat plate for filler but must use stock brackets. No full size bumpers cut down to fit compact cars
- Aftermarket bumper brackets may be used using 10"L x 2" x 4" x X" thick square tubing, channel iron, or angle iron
- Tie Rod stiffeners are allowed

If you believe one of the winning cars is illegal, you must put the complaint in writing and back it up with **\$200.00**.

If we find the complaint not to be valid the money will not be refunded. **Protests restricted to drivers only.**

All vehicles will be searched for weapons, alcohol, and drugs prior to entering pit area