

Yolo County Fair

2010 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.

Safety:

1. Anyone entering pit area must display pit pass.
2. No animals allowed in pit area.
3. Keep your pit area clean, remove your trash
4. Alcohol, Drugs, Firearms, Verbal or Physical abuse will not be tolerated.

Event:

1. All injuries must be reported to track officials no matter how minor.
2. Regulation racing crash helmets must be worn during the entire event.
3. Long sleeve shirts mandatory, no shorts.
4. Seat belts must remain buckled during the event.
5. Driver's are to stay in their car during the entire event, except when directed by officials
6. Driver's Meeting will be attended by all holding a pit pass (Mandatory)
7. 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 a car of driver that has waved off
 - d. Teaming
 - e. Car condition (Anything that endangers participants)
 - f. Driver or Pit Crew Behavior

Mini Car's

1. Foreign cars are excepted
2. 4cyl. Engines only
3. 100" wheel base max.
4. Bumper height 16" max
5. Bumper **MUST BE STOCK** to that car
6. Tires max 14"

Please call as some 4cyl, 100" wheel base cars will not qualify

Vehicle Rules:

1. No Pick-up trucks, convertibles, four-wheel drives
2. Remove interior, all body trim, body clips, glass, plastic grills and composite body parts.
3. Material sizes, unless specified in rule are as follows: Chains 1/2", Welding filler 1/4" rebar or 1/4"x 1" flat stock. All are maximum sizes.
4. Car # must be installed on both sides of car, and on roof. Min 18" lettering. Numbers Only!!

5. Gas tanks must be removed from stock location. New tank installed forward of rear axle behind drivers seat. Chains, cable, or steel brackets must secure gas tanks. Tanks must be made of steel or similar quality. 5 gal. Tanks. No plastic tanks or plastic connectors. Tank must be installed within safety bars (see attachment). 5 gallons of fuel max.
6. Holes must be made in the floorboard around the gas tank for possible spillage.
7. Battery must be relocated to front passenger floorboard. Battery (s) must be covered and securely attached with bolts or chains. No Plumbers tape.
8. Mandatory Safety Bars: Side bars from dash to 1" forward of rear wheel well. 3 Cross bars, at dash, behind driver, and at rear wheel well. Side bars and cross bars must be connected by welding or bolting. Side bars 4"X3/8" stock min. and cross bars minimum 2" pipe, or square tubing. Schedule #40 min. See attached drawing. Drivers door may have bracing to floorboard, not frame, passenger side may have a total of 8" of bracing to floorboard See Attachment
9. Mandatory: Weld or bolt windshield braces (2) from top of opening to bottom of opening to prevent hood from entering car. Rear window same as windshield, deck lid safety, sedans only.
10. Bumper heights, front and rear, will not be higher than 16" measured from the ground to the bottom of bumper. Cars may be raised to this height using spring spacers and rear bump stops welded to axel housing only. Used or new cars will be disqualified for being to high or low for safety.
11. Bumper may be welded to bumper brackets. Bumper brackets may be welded to frames. No fillers or added material, No bumper seem welding. Bumper must be stock to the car.
12. Engines may be chained, bolted or welded to frame. No engine mounts forward of engine block. 4" max mounts. One mount per side only.
13. Engine must remain in stock position. No cutting of firewall for engine swaps or set back. You may cut maximum of a 12" x 12" hole in firewall to relieve distributor rollback. Holes must be covered for safety.
14. Radiators, if used, must be in stock location, may be strapped or wired in, no welding.
15. All cars must have an engine air cleaner.
16. Doors may be chained shut or welded, filler not to exceed 1/2 inch stock. All doors may be welded solid.
17. Trunk lids may be chained or welded; 36" of weld max. No frame contact. Chain may wrap bumper in two places. 1/4 in to 1/2 in max.
18. Station Wagon deck lids max 36" of weld; tailgates may be chained or welded 24" of weld max. Chains 1/4" to 1/2" max.,. Refer to rule #3 for filler. A 14" hole must be cut in deck lids for inspections.
19. Hood must be chained or bolted only no welding. Mandatory four chains or bolts no more no less, 1/2" max... No frame contact. If bolted max 3/4 bolts max 4" washers, 6" corner gussets max no frame contact. Hole (12") must be cut out of hood over carburetor for fire suppression.
20. Seat belts are Mandatory. Front seat may be bolted or welded down. Bucket seat allowed.
21. OEM body bolts, bushing, and washers only
22. Spring clamps may be used. Four per spring 2" wide only.
23. Leaf spring shackles may be re-hung, 3" wide shackles Max. Used car leaf repairs officials will decide depending on spring type...
24. Second time. Holes in firewall must be covered!!!
25. Electric fuel pump if used (EFI ONLY), requires kill-switch to be installed above steering column in windshield area. Must be painted brightly for easy identification
26. Tires must be automotive type, Max 14" wheel size, no aggressive tires on drive axels. Air only in tires.
27. Transmission filler tube must have drain hose installed to avoid fluid from contacting exhaust system (burp tube). Call for more information.

Optional Vehicle Specifications:

1. Mufflers may be removed.
 2. Locked rear-ends.
 3. Fenders may be cut away from wheels.
 4. Transmission cooler, if used, must be covered.
 5. Bumper may be trimmed.
 6. One A/C condenser allowed.
 7. Frame repairs (None) Call for information
 8. Chain may be wrapped from rear-end to frame. One each side. No cutting away body, No welding, No bolting to frame.
 9. Front A-Frames may be welded to frame (top A-Frame only) No reinforcing of A-Frames.
 10. Bump stop may be added to rear for height. (welded to axel housing only, not to frame).
- It is illegal to weld body seams unless specified in rules
 - It is illegal to weld, paint, undercoat, mud, sand, grind etc. any portion of car's frame unless specified in rules. Used cars must have frame washed of debris (dirt) from prior derbies.

If you believe one of the winning cars is illegal, you must put the complaint in writing and back it up with \$150.00. If we find the complaint not to be valid the money will not be refunded. Protests restricted to drivers only.

Any person over 16 and under 18 is required to have a parent or legal guardian sign a waiver in person, prior to entering Pit area.

Any and All persons entering pit area will be required to submit proof of Identification (California driver's license or ID) and to sign waiver.

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

For Tech advice call:

Les Stripe (916) 995-4413

