

Yolo County Fair

2018 Non-Weld Car Demo Derby Rules

80's or Newer

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. **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

Vehicle Rules:

Cars are to remain stock, keep the car original. No welding of the seams or frame unless specified below. No body creasing or frame tilting allowed.

1. No Pick-up trucks, vans, convertibles, four-wheel drives, foreign type cars, No T-top or Commercial vehicles.
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 3/8", Welding filler 3/8" rebar or 1/4" x 2" flat stock. All are maximum sizes
4. Car # must be installed on both sides of car, and on roof. Min 18" lettering. Numbers Only!! If using a Roof sign 18" x 18" MAX in size
5. **Gas tanks** must be removed from stock location. New tank installed forward of rear axle behind driver's seat. Chains, cable, or steel brackets must secure gas tanks. Tanks must be made of steel or similar quality. 5 gallon Tanks. No plastic tanks or plastic connectors. Tank must be installed within safety bars. **5 gallons of fuel max.** Holes must be made in the floorboard around the gas tank for possible spillage

6. **Battery** must be relocated to front passenger floorboard. Batteries must be covered and securely attached with bolts or chains. No Plumbers tape. 2 Battery's MAX. Battery boxes may not add strength to the car in any way
7. **Safety Bars** are **MANDATORY**: Side bars 6" back from firewall to 6" forward of rear wheel well MAX. 3 Cross bars, 1-at dash, 1-behind driver, and 1-rear (optional). Side bars and cross bars must be connected by welding or bolting. Side bars 4"x 3/8" stock min / 6" min gap between floor & side bars / cross bars 2" min schedule 40 pipe or square tubing. **NO Down Bars** to floorboard or frame allowed
8. **Halo Bar** is not allowed on these non-weld cars
9. **Windshield braces** are mandatory (2) **2" MAX** from top of opening to bottom of opening to prevent hood from entering car. Do not tie window bars to safety cage. Rear window same as windshield, deck lid safety, sedans only. Window bars can be welded or bolted. Window bars shall only protect the window opening and will be required to be changed if they provide additional strength to the car. Do not attach the window bars to trunk lid, they are Window Bars
10. **Bumpers** are required to be automotive type and **may not** be welded on any seams. The bumper may be welded to stock bumper brackets and frame, do not weld seams. Stock bumper brackets for the car are required and may be welded to frames. 5mph bumper may be installed and welded to the stock bracket (**NO added mounting plates on bumper**). **Do not cut frame horns to install bumper**. Do not use homemade brackets, stock only
11. **Bumper** heights, front and rear, will not be higher than 18" measured from the ground to the bottom of bumper. Optional lifting methods are listed below
12. **A-frames** may **NOT** be welded to frame (**DO NOT weld A-arm anywhere**). You can use spring spacers only for height. Car suspension must move. No swapping front suspension, it must be original to year/make/model of car
13. **Frame repairs NO** frame repairs allowed
14. **Rear Bump Stops, NO** bump stops allowed. Use spring spacers only on coil cars. Car suspension must move
15. **Doors** should be welded or chained, **Welded option** – filler not to exceed ¼" x 2" flat stock and may be welded on outside only. **No welding inside door seams. MAX weld 6"** per seam on door. Driver door is allowed 12" per seam for safety. **Chain option** – 4 Chains ¼" to ½" max on each door. One or the other do not put both chains and weld on a door
16. **Deck lids** – NO deck lids allowed on Station Wagons
17. **Trunk lid MUST** be chained **ONLY** with 4 chains max. No frame contact. **DO NOT** wrap chain around bumper, chains ¼" to ½" max. **Trunk lids must open for inspection**
18. **Tailgates** (Wagons) must be chained (same as trunks). 4 Chains ¼" to ½" max. **DO NOT** wrap around bumper
19. **Hoods are required to be on and covering fan to run**
20. **Hood MUST** be chained **ONLY** with 4 chains ¼" to ½" Max, **NO bolting OR welding**. Mandatory 4 chains, No frame contact. Hole (12") must be cut out of hood over carburetor for fire suppression, **DO NOT** wrap chain around bumper
21. **Radiators**, if used, must be stock and in the stock location, may be strapped or wired in, no welding, No homemade steel radiators or steam tanks
22. **Condenser**: One A/C condenser allowed, (No tractor type) The AC condenser may be bolted with 4 – 3/8" thick bolts, with washers no bigger than 1" or welded 6" per side
23. **Body Bolts**: OEM body bolts, bushing, and washers only (**NO alterations allowed**) – **NO additional body bolts**
24. **Tie rod stiffeners** are allowed. **All other steering must be stock except as stated**
25. **Suspension** No swapping front suspension must be original to year/make/model of car
26. **Rear Ends** – Stock required for car **DO NOT replace Axle**: **NO** Chaining of rear end to frame is allowed, leave it stock.
27. **Leaf springs** – No spring change outs, springs must be original length **DO NOT shorten**: Leaf springs must be stock for the car. No leaf on top of main leaf. No extra leaves, no tape or welding on springs
28. **Spring clamps** may **NOT** be used
29. **Pinion Brake and Sliding Drivelines** - are **NOT** allowed

30. **Engines** may be chained, bolted or welded to frame. Motor Mounts 4" max total welding of mounts to frame. **No rear mounts or distributor protectors**
31. **Head straps** – 2) are allowed straight down from heads to the frame **NOT** kicked front or back. Head straps may only be welded to the frame a maximum of 4" and may be only a 2" x 2" x ¼" thick angle iron or ½" x 2" flat strap. Head straps may only be welded straight to the frame
32. **Engine** must remain in stock position. Firewall can be trimmed for engine swaps but must remain intact (**Valve covers cannot be behind the original position of the firewall**). You may cut 12" x 12" maximum hole in firewall to relieve distributor rollback. Holes must be covered for safety. **NO distributor protectors**
33. **Engine** All cars must have an engine air cleaner or similar carburetor cover for fire safety
34. **Headers** may be installed mid-block and forward, **NO reverse headers allowed**
35. **Transmission Protectors – NOT Allowed.** Alum ultra-bells will be allowed as long as they add no reinforcement to the car. Trans pan may have a 1/8" plate welded on the bottom to protect it from being sliced open
36. **Transmission** filler tube must have drain hose installed to avoid fluid from contacting exhaust system (burp tube) or a cap clamped on tube to keep fluid out of engine compartment
37. **Seat belts** are Mandatory. Front seat may be bolted or welded down. Bucket seat allowed
38. **Fire Wall** Holes in firewall must be covered!!!
39. **Electric fuel** pump if used (EFI ONLY), requires kill-switch to be installed above steering column in windshield area. Must be painted a bright color for easy identification
40. **Tires** must be **automotive** type with stock rims only, Max 16" wheel size, no aggressive tires on drive axles. Air only in tires, no double tires, max 12 ply rating
41. **Fenders** may be cut away from wheels
42. **Transmission cooler**, if used, must be inside car and covered

Reminders:

- The Vehicles are required to **remain original stock** other than as stated in the rules. Modification of rear end housing, Transmissions, A-frames etc.... will not be allowed other than stated!!!
- It is illegal to weld body seams unless specified in rules
- It is illegal to tilt, ping or change frame in any manner
- It is illegal to ping or crease body, no changing body lines
- 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 it is not in the rules, it does not mean you can do it. **Call with questions**
- **Again the intent is for Vehicles to remain stock other than as stated in the rules**

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.