

****RULES & REGULATIONS ****

Demolition Derby SUNDAY July 15 2018 6:30pm

****NEW THIS YEAR****

****POWER WHEELS DERBY****

4 Classes

COMPACTS

SEMI STOCK FULLSIZE CARS

TRUCKS

MODIFIED CARS

POWER WHEEL RULES

1. MUST wear a helmet.
2. Battery may be changed and put in safe/secured location.
3. No other modifications may be made.

TRUCKS RULES

1. No 1 tons. Any ½ ton or ¾ ton pickup, suburban, blazer, bronco, jeep etc. are allowed. No mid size SUV's, Blazers (S-10,S-15), Jeeps (Cherokee), Bronco II's, Explorer's, Vans (Astro, Windstar, Caravan) etc.
2. 4-wheel drive allowed but one of the two drive shafts must be removed.
3. Regular cab, extended cab or crew cab allowed.
4. Any motor/trans combination may be used.
5. Batteries must be relocated within cage area of cab and gas tanks must be centered in front part of box.
6. Must have window protection in front of driver and a working seatbelt.
7. Box, Cab and Body Bolts- May have 4 additional bolts, 1" max with 3"x3" minimum washer, connecting box to the frame. Cab may be bolted down solid with at least 4 additional bolts up to 1" size with a minimum of a 3" washer. The cab and box may be welded together and you may use filler to weld them together.
8. Cage and Roll Bar-Must have a cage inside of truck. You may have 4 down bars must be straight down and NOT angled to the frame. CANNOT go farther than the forward most part on the firewall. You may also have a roll loop in the box up against the cab with kickers. The kickers must end on the front side of forward spring mounts.
9. Doors and Tailgate-Tailgates must be welded, bolted, chained or taken off. Doors may be welded solid, bolted or chained shut.

10. Hood- Six ready bolt allowed in hood and they all can go to frame. 1" max diameter allowed. May weld hood solid but must have center cut out for inspection and fire purposes.

11. Radiator and Core Support- You can have angle iron across the top of core support and you may use only 2 kickers going down to the frame but must be in front of a arms or axle. Radiators or Radiator barrels are ok and can must remain in stock location. Radi barrels may be welded to core support.

12. Bumpers-Any automotive bumpers and brackets may be used on the front and rear of truck and must be welded and or bolted on. Bumpers may be reinforced on the inside only. Factory brackets only may be welded in or along side frame. No connecting frame rails together. You may have 2- 4"x 8"x 1/4" straps on the front and rear bumpers to body.

13. Rear End, Suspension and Tires- Rear end may be tied to the frame in 2 spots. Use #9 wire, 3/8" cable or chain. Springs may be clamped in 6 spots per side. 12 factory truck springs max per side. Tie rod ends may be reinforced, but must be workable. A-arms may be reinforced and bolted or welded to frame. Any tire up to 16" will be allowed.

14. Frame Repair- If you have to re-stub any part of your truck you are only allowed to butt-weld the frame together. This mean no over lapping them at all. You are allowed 2" wide metal to go around where it was re-stubbed only. You make fix bends and breaks in 4 places up front and 4 places in the rear. 4"x10"x1/4" only and must have at least 1" between plates. Only 2 sides of frame may be plated.

COMPACTS FWD & RWD RULES

Front Wheel Drive 113" max wheel base

RWD 108" max wheelbase

1. Cage- Dash bar and behind seat bar and door bars allowed 2 inch min diameter or square cannot be attached to frame. You may run a bar from dash bar to the firewall in 2 spots. Must be securely fastened or you will be told to remove. Halo bar no farther back then 10 inches from seat. Can be welded to frame and bolted to roof. Halo bar can be attached to the door bars. You can have 2 down bars from the door bars only located within the front inside door seam and straight down to rocker area. You can run a gas tank protector that must mount from the behind the seat bar 30inch wide and can go to the sheet metal and has to be 2 inches from the floor with no down bars **DO NOT WELD TO SHEET METAL!**

2. Doors and Windows-****Please reinforce your driver's door very good.**** Drivers door may be welded solid, bolted or chained shut. Remaining doors may chain, bolt or wire in 4 places. Must have windshield bars for driver safety. 2 roof bars allowed in front and only 1 in the rear. Front two must be attached to firewall sheet metal only, not to dash or cage bars in any way. The rear on may only be attached to speaker deck and not any farther onto trunk. You may use 9 wire in two spots per window opening.

3. Hood and Trunk- Hood may be bolted in 6 spots. 4 to frame and 2 to sheet metal only. Trunk may be welded 5 on 5 off or bolted in four places, 2 to frame and 2 to sheet metal. Trunk may have two 4"x10"x1/4" straps from bumper to the trunk. You may tuck trunks. NO sedagons, decking must be removed.

4. Seam Welding- Frame can be welded fire wall forward top only and bottom.

5. Body Bolts- You may remove pucks. ALL bolts can be a max of 1 inch.

6. Core Support and Radiators- May weld front two ready bolts to core support straight down to frame. Radiators must remain in stock location. No radi barrels.

7. Fenders- May bolt fenders to wheel wells up to 6 3/8" bolts per wheel well. May fold fenders and weld. If you weld them you cant use the bolts. If you bolt them you cant weld them.

9. Bumpers-Bumpers may be bolted or welded solid. You may fully weld bumpers and brackets. Nothing can be put inside of frame to mount the bumper unless it came from the factory with it. Bumpers are interchangeable with any mass produced car bumper. Stock appearing bumpers: we will allow you to take any bumper apart, weld any material you would like to the inside of bumper and weld the chrome back on. Everything must be done inside of bumper nothing on the outside. No home made bumpers! Compact bumper brackets ONLY NO full size brackets.

10. Drive Train- Motor and tranny of choice in stock location. No V8s. Maybe welded or chained, the motor tie down CANNOT exceed 2" in front or behind the heads to top or side of frame 2 by 3/8 flat stock and cannot be laid flat on frame.

11. Suspension and Tires- Rear suspension must remain stock, double coils are o.k. on coil cars. Must be factory springs out of a car. Coil springs may be wired in. Upper and lower trailing arms maybe reinforced, but they still have to function in a factory manor. The Front suspension may be welded with 2- 2" straps DO NOT strengthen frame or bolted or spring spacers for height. Tie rods maybe reinforced, but must function in a factory manor. Tires you may run any tire you see fit, foam it, double it what ever you have to do to not get a flat.

12. Frame Repairs- If frame is rusted you may fix it with same thickness plate 1 inch past the rust hole (DO NOT CUT RUST SPOT OUT). Allowed to plate in 4 places up front and 4 in the rear. 4"x10"x1/4" plates only. Only 2 sides of the frame can have plates and must have 1" space between plates. Floor repairs must be sheet metal only.

SEMI STOCK FULL SIZE CAR RULES

1. Passenger cars permitted—no convertibles, hearses, AMC Pacers, AMC Gremlins, Suicide Lincolns or Chrysler Imperials (or Imperial sub frames).

2. No setback of engine allowed, engine must be in original position.

3. Any motor any transmission

4. Bolt hood in 4 places, only front two at core support may go to frame. Bolt trunk in 4 places, only 2 can attach to frame.

5.3 window bars in front of driver must be welded or bolted to roof and windshield cowl.

6. Radiator must remain in stock location, no coolant inside of driver's compartment. No radiator barrels allowed.

7. Battery is to be moved into passenger compartment close to where glove box of vehicle is located.

8. Hood must have 18" square access hole in hood in case of fire.

9. NO WELDING OF HOODS, TRUNK LIDS, INNER FENDERS, OR OUTER FENDERS. ONLY EXCEPTION IS DRIVERS DOOR WHICH MAY BE WELDED SOLID.

10. Fenders may be trimmed for tire clearance, bumpers may be trimmed.

11. Doors cannot be secured with more than two loops in window area. Driver's door MUST be reinforced with a bar no longer than 3" in front and rear of driver's door seam and must be bolted or welded in a horizontal fashion.

12. Cage must be only 4 horizontal pieces. Nothing to the frame and no down bars from cage. Maximum 4" diameter round or square tubing with max 6"X6" flat plate on ends of pipe (no galvanized pipe allowed). No other cross member allowed to frame vehicle. Will allow halo bar mounted to sheet metal only in 2 places only. No back window bar.

13. All windows are to be removed, all broken glass must be out of vehicle, no debris in car or trunk area (you will have to clean out garbage). All burnable materials must also be removed for your safety.

14. All mirrors and chrome must be removed.

15. Stock type bumpers and mounts only. Bumpers and bumper mounts can be welded on, but no adding of any more metal.

16. No sand, spray foam or cement in frames, no modifying or reinforcement allowed.

17. Rear ends may be locked or gears may be welded for posi. May interchange rearends but must be 5 bolt or less.

18. May have 7 total leaf springs per side, with 4 clamps per side. 1 chain, bolt or 9 wire may be used to hold coils in.

19. Any tire up to 15" allowed.

20. Stock gas tanks must be removed. Fuel injected cars may move stock tank to back seat but must have protection around it.

21. Transmission coolers are allowed – high temp hose or steel double clamped – all hoses must be covered.

22. No engine cradles, distributor protectors, hybrid braced rear ends or leaf conversions allowed.

23. Will allow sliding drive shafts.

24. New style fords may not tip or fill in crush boxes and must use factory motor cradles.

MODIFIED FULL SIZE CAR RULES

Any year, any make passenger cars allowed: Imperials, suicide lincolns, roundback wagons, thunderbirds, 80's and newer, crown vics, leaf conversions. No convertibles, limos, hearses.

1. Cage and Halo bar- Dash bar and behind seat bar and door bars allowed 5 inch max diameter. Must be securely fastened or you will be told to remove. Dash bar may connect to the firewall in 2 spots 3" by 1/4" max flat stock and cannot be placed within the dp on the 80s and newer. If you have a dp or mid plate dash bar must be 6 inch away from firewall. If you have a tranny brace it must be mounted to cross member with factory tranny mount, free floating or 1 bolt and dash bar must be 2 inches away from tranny tunnel. Halo bar no farther back then 15 inches from center post on 4 door cars or 8 inch on 2 door cars. Can be welded to frame and bolted to roof. Halo bar can be attached to the door bars. You can have 4 down bars from the door bars only located within the front doors and straight down to rocker area 1 door bar per side can go to the frame. If you have a halo bar you can only have two down bars. You can run a gas tank protector that must mount from the behind the seat bar and can go to the sheet metal but must be within the frame rails with no down bars.

2. Doors- Must have driver door reinforced. All doors may be welded solid or chained shut. Top of doors can be folded and welded together with no added metal.

3. Hood and Trunk- Hood may be bolted in 6 spots. 4 to frame and 2 to sheet metal. Only the front two ready bolt may go through, along the side or top of frame and welded. The other 2 to top of frame only. Trunk lid may be welded solid. Trunk may be bolted in 4 spots. All 4 may go through or along side frame. Trunk may have two 4"x10" strap from bumper to the trunk. You may tuck trunks. NO sedagons, decking MUST be removed.

4. Seam welding- Frame can be welded fire wall forward top and bottom. Body seams can be welded 6 on 6 off. K-frame CAN be welded solid. Y framers may plate the y's with 1/4" thick plates, 16" long max per side. May take out pucks and replace with 1" bolts. Y framer can plate the y's with a 1/4inch by 16inch plate top side only and must touch the bumper. 03 and newer can do a cradle swap with No torsion bars added.

5. Body bolts- You may remove pucks front and back, you may add 4 extra body bolts per side which can also go to frame with a max of 6"x 6" washer's. ALL bolts can be a max of 1 inch. Transmission cooler, battery box, gas tank bolts, etc. that go through frame count as extra body bolts.

6. Core support- Core support may have a 2" angle iron on the top of core support from fender to fender. Radiator barrels are o.k. BUT must be factory size, CANNOT touch the frame in any way, CANNOT be welded to the angle iron at all. Must be bolted in 4 spots or 4-4" welds to core support to hold it in place. Must run vent tub under the car.

7. Fenders- May bolt fenders up to 6- 3/8" bolts per wheel well. May fold fenders and weld. If you weld them you CAN NOT use the bolts. If you bolt them you CAN NOT use weld. The fenders CANNOT be welded to the frame.

8. Windows- Must have windshield protection for driver. May have 2 roof bars down to top side sheet metal of firewall. Can not go directly to dash bar. Rear window may have 1 roof bar connecting halo bar down to speaker deck only and must not go beyond. May use 9 wire in two spots per window, 4 loops max.

9. BUMPERS- Bumpers may be bolted or welded solid. You may fully weld bumpers and brackets. Stock factory brackets may go in or along side frame. Bumpers are interchangeable with any mass produced car bumper. Stock appearing bumpers: we will allow you to take any bumper apart, weld any material you would like to the inside of bumper and weld the chrome back on. Everything must be done inside of bumper nothing on the outside.

10. Motor/Transmission- Motor and tranny of choice, in stock location. Maybe welded or chained. Factory motor mounts, homemade motor mounts and or tie downs may not go beyond the front of motor pulleys or 2 inches behind the back side of heads. top or side of frame only. Mild engine cradles and DP's allowed. No extreme engine cradles. Dp can be touching firewall. No hold downs on back of motor when using a dp or mid plate. Mid plates cannot be tied to the frame in anyway or be wider then the motor.

11. Suspension and Tires- 80s and newer may leaf or run a 15 inch hump plate that has to follow the outside contour of the frame. Full floater rear ends and double coils are o.k. on coil cars. Leaf spring cars can have up to 9 leafs per side and maybe clamped in 6 spots per side. Must be factory springs out of a car and CANNOT be home made. Rear end maybe chained in 2 spots per side of car. Coil springs may be wired in. Upper and lower trailing arms maybe reinforced, but they still have to function in a factory manor. The Front suspension may be welded with 2- 2inch by 5 straps as long as you DO NOT strengthen frame or a arms. you can bolt or use spring spacers for height. Tie rods maybe reinforced, but must function in a factory manor. A arms cannot be reinforced. Forklift, doubled, flapped and foam tires allowed. We don't want flats.

12. Frame and Floor repairs- If frame is rusted you may fix it with same thickness plate 1 inch past the rust hole (Don't CUT THE RUST SPOT OUT). Four 4"x 10"x1/4 plates allowed in front and rear to fix bends or tears. Must have at least 1" space between pieces and repairs can

only be done on 2 sides of frame only. Floor repairs must be done with same gauge of sheet metal only.

GENERAL RULES AND REGULATIONS

This is a NO whining, NO crying, NO arguing, NO complaining and a No drama derby. Save your aggression for the track. It will not be tolerated. Any violation of those listed above and you will be physically removed from the pits and/or fairgrounds.

25. Drivers must wear crash helmet and seat belts at all times in the arena. Belts must be bolted solidly to the floor or the frame preferred.

26. All drivers and pit persons will sign a waiver releasing all officials of any responsibility and liability in derby contract.

27. If a driver or pit person is under the age of 18, they must have a waiver of liability signed by a parent or legal guardian. **NO ONE UNDER THE AGE OF 12 ALLOWED IN THE PITS!!!**

28. **ALL CARS MUST PASS TECH INSPECTION**, before receiving qualifying stick.

29. No intentional contact of driver's door – **JUDGES DISCRETION** .

30. No sand-bagging, you must use your car to full capacity. Cars must make direct contact with a car not counted out within one minute

31. No alcoholic beverages allowed in pits until the end of event.

32. Derby officials have the right to inspect or reject any cars with no refunds at any times before, during, or after event.

33. Failure to observe these rules will result in disqualifications with **NO REFUNDS** .

34. No drivers or pit persons shall attempt to speak to any official who is flagging. Flag men and firemen are watching for safety, **LEAVE THEM ALONE** .

35. **DO NOT REMOVE YOUR HELMET, SEAT BELT, OR LEAVE YOUR CAR WHEN IN ARENA UNDER GREEN FLAG**, you may get out during a **RED** flag with official's approval, you may get out during a flag with official's approval.

36. One fire per car per heat or feature allowed. Second fire disqualifies car from heat or feature.

37. All cars are being timed in contention until their time is up, then you must break your stick.

38. Winner will be awarded to the last car running and having made the last hit. Places will be awarded accordingly, you can still place while under the timer.

39. Unsportsmanlike conduct in the pits or arena by you or your team will be grounds for automatic disqualification.

40. Speed limit in the pits is 5 mph, drive carefully.

THE POLK COUNTY FAIR DERBY OFFICIALS RESERVE THE RIGHT TO MODIFY OR AMMEND ANY AND ALL OF THE RULES LISTED HERE OR AT THE EVENT.