

Pope County Fair Demolition Derby Rules

REVISED: 7/15/10

Compact Cars – will be classified as 107 ½” maximum wheel base, 4 or 6 cylinders. MOTOR MUST BE FACTORY (in that car or been replaced with the 4 or 6 cylinder engine of that car.) This includes front and rear wheel drive. No cross breeding.

80s & Newer – 77 and newer GM, 79 and newer Ford & Chrysler

Old Iron (pre 1980's) – Any mass produced American made sedan or wagon can run with the following exceptions. No 1970 or older Lincolns. No Chrysler Imperials or Imperial subframes, 4X4s, ambulance, hearses, trucks, limousines, etc.

Pickup Trucks – Must be stock unless modification is stated in the rules.

General Rules

1. You will have 2 minutes to make a legal hit.
2. No intentional hitting in the DRIVER'S DOOR.
3. No sand bagging or double teaming.
4. Drivers must be 18 years of age or older with a valid drivers license (or 16 years of age with a valid drivers license and legal guardian present and must sign waiver.) Neck brace required under age 18.
5. No profanity on cars. This is a family orientated show, no exceptions.
6. Must have full faced D.O.T. approved helmet with chin strap. Eye protection and seat belt must be worn at all times.
7. Drivers are responsible for their pit crews.
8. Official decisions are final and rude behavior or profanity will not be tolerated. If you are not compliant, you will be escorted off the premises and/or banned.
9. No alcohol in pits during the derby, if found you and your crew will be escorted off the fair grounds.
10. You are allowed two fires, a third one and you will be done for that heat.
11. Protest will be handled in a put up or shut up fashion. Driver (in the same class as protested) must present a \$200 cash protest fee. Further inspection with any means necessary (1 inch drill bit and scope.)
12. Must be in the pits and registered at least one half hour before the derby starts.
13. Pits will open 3 hours prior to the start of the derby.
14. Drivers meeting will be 15 minutes prior to the derby start.
15. Open hood inspection for all classes.
16. Judges may re-inspect any entry at any time before prize money is given out.
17. Must have holes cut in hood in case of fire. 2 – 10” x 10” holes.
18. If the rules don't say you can make an alteration to your car then it is **not** allowed.

General Building Rules

1. Numbers on the car must be on both doors clearly visible and on a 12”x12” sign on the roof in a color that is clearly visible.
2. Driver's door must be painted in an offset color to the rest of the car.
3. K-Frames may be welded to the frame or to the body

4. If using #9 wire you may not use more than 4 loops per spot and may not use in more than 4 places inside the car.
5. All cars must be stock unless otherwise stated in the rules.
6. All glass, chrome trim, door handles, rear view mirrors, etc. must be removed. Also, no glass in bottoms of doors. Trailer hitches and parts must be removed.
7. No stuffing, plating, foaming or cementing of any part of the car.
8. Frames must remain stock. Only welding outlined in these rules is allowed. No filling of factory holes in frame. No repainting of frames with paint or undercoating. No "grease and dirt" tricks.
9. Battery must be located on the front passenger side floor. Must be securely fastened and covered.
10. Vehicles must have some type of working brakes. Drive shaft brakes are allowed. Official's decision is final, must be safe.
11. No distributor protectors allowed.
12. Tires should be no larger than 700-15 up to 8 ply. Valve stem protectors are ok. No split rims or studded tires. Rims should have wheel weights removed. No grease or oil on tires.
13. All doors and truck may be chained, cabled or welded on the exterior only with no more than 3/16" thick by 4" wide plate or 3/8 " max chain or cable (only use one method). No interior seam welding of any kind.
14. Hood can not be welded closed and must be either bolted or chained. Hood can be attached in only 6 places and only 2 can be to the frame. Anything else must be sheet metal to sheet metal no larger than 1" ready rod with 4" max washer or 3/8" max chain or cable. Use only one method.
15. May have 4 trunk pins. Only 2 can be to the frame, the other two must be sheet metal to sheet metal no larger than 1" ready rod with 4" max washer or 3/8" max chain or cable. Use only one method.
16. Dash bar and behind-seat bar allowed, 3" max diameter or square, cannot be attached to the frame, sheet metal only. May have 2 bars max behind seat in a crisscross pattern or one bar straight door to door. End plates for bars should be 8"x8"x3/16" maximum. Must be securely fastened or you will be told to remove.
17. Factory fuel tank(s) must be removed. Unused fuel lines must be blown free of fuel. (Removing unused fuel lines recommended. Gas tank must be steel and securely fastened to the car in a safe location, no bungee cords. May use a boat gas tank or properly made fuel cell no more than 6 gallons. It must also be covered. No plastic tanks. Cannot reuse factory tank.
18. Fuel injected vehicles must have a fuel pump shut-off switch painted red, placed in a visible location and marked "on" and "off"
19. Transmission coolers, welded rear-end, and headers are allowed. Must have at least one 12 inch hole over carburetor in case of fire.
20. You may weld bumpers to brackets and brackets to frame, but no extra metal. No stuffing of bumpers. FOR PRE-RAN CARS ONLY: you may place a plate on a bend 4"x4" by 1/8" thick. One plate per frame rail in the front, and one per frame rail in the rear (4 plates total per car, no exceptions). You must leave a spot un-welded to show the thickness of the plate and must be able to prove or show bend.

Compacts

Use all general building rules plus these.

1. Compact cars will be classified as 107 1/2" maximum wheel base.
2. 4 or 6 cylinder motor must be factory (in that car or can be replaced with the 4/6 cylinder engine of that car.) This includes front and rear wheel drives. No cross breeding of any kind.
3. No welding of any kind anywhere on the frame/sub-frame, body or body seams other than what is outlined in these rules.
4. You can use any automotive bumper. You may weld bumpers to brackets and the brackets to the frame, but no extra metal. No stuffing of bumpers.
5. Fuel injected vehicles must have a fuel pump shut off switch painted red and placed in a visible location and marked "On" and "Off."
6. Steering and suspension must remain stock, no reinforcing of any kind.

7. Cooling system must remain stock. No homemade radiators or barrels.
8. Halo Bars or Rollover Bars are allowed. Rollover bars may run on the exterior of the roof and must be welded to the seat bar. Connecting these rollover bars to the roof is required. The rollover bar must be positioned behind the seat, must be vertical (not angled forward or back). The rollover bar may extend through the floor tin and to the top of the frame or sub-frame (top of the frame only). Must be securely fastened or you will be told to remove.

Old Iron & 80's and Newer

Use all general building rules plus these.

1. Motor and transmission of any make allowed may be chained or welded in place in stock location with no reinforcement of the frame.
2. Frame seams may be welded top seam only full length of frame. Only one bead ½" wide maximum and no extra steel may be added.
3. 80's and Newer Only: the re-welding (12" total length, ½" wide bead maximum per frame rail) of factory frame seams from the firewall rearward is allowed. This rule is to allow the welding of frame seams that were not welded correctly at the factory. Only a total of 12" allowed. This may be 5" on top 7" on bottom etc. at the builder's choice for a total of 12" per frame rail.
4. Halo bars and or rollover bars are allowed. The addition of "posts" on hard top sedans (connecting top of doors to the roof) is allowed, ¼ X 4" strap maximum. Roll over cages may run on the exterior of the roof, and must be welded to the seat bar. Connecting these roll over cages to the roof is required. The roll over bar must be in position behind the seat, must be vertical (not angled forward or back.) The roll over bar may extend through the floor tin and to the top of the frame or sub-frame. The roll over bar may be welded to the top of the frame or sub-frame (top of the frame only.) Must be securely fastened or you will be told to remove it.
5. May use un-pressurized homemade radiator no larger than factory radiator placed in factory position with no frame or body reinforcement mounted and with no more than 4 bolts, 3/8" maximum. No water barrels in car.
6. A-arms may be bolted down with ½" bolt maximum.
7. No altered wheelbase, No ¾ -1 ton truck rear ends (8 lug, floater axles, etc.) or non factory leafed cars in any class allowed. Rear end braces are allowed.
8. Cutting and/or pre-notching the rear frame rails are allowed, but must not re-weld any part of it. No adding of extra, non-factory, body mounts to the frame and body allowed.
9. Rear-end control arms can be reinforced. If you reinforce your control arms, you must build them starting with a stock set. They may be shortened or made longer.

Pickup Trucks

Use all general building rules plus these.

1. Trucks must be stock, unless modification is stated in the rules.
2. Boxes must have at least 4 bolts additional to the factory bolts up to 1" in size and a minimum of a 3" washer, but no bigger than 8" washers holding the box to the frame.
3. Cab must be bolted down solid with at least 4 additional bolts up to 1" in size with a minimum of a 3" washer.
4. Box and cab may be welded to the frame, but do not add metal. Just use the welder. The cab and box may be welded together and you may use a fill material to fill the gap between the cab and box. Filler can't be bigger than 4 " strap.
5. Must have dash bar, a bar behind the seat and bars connecting the dash bar to the bar behind the seat NO farther back than 12 inches from the back of the cab. You can have a cross bar at the 12 inches in the box with 2 down bars. Bars in the back must be straight down and not angled forward or back. You may also have a roll over loop in the box up against the cab with kickers NO farther back then the front of front spring mounts. Must be a minimum of 2" in front of the spring mounts. Kickers can only be attached to roll loop only. No exceptions.

6. Tailgate must be welded or taken off. Inside bottom of tailgate can have a 3" X 3" angle iron across bottom only. Use no bigger than 2" strap on the outside of the tailgate and only use small filler on inside except the bottom.
7. Solid welding is allowed inside and out, hood must have a large hole cut in the center for inspections. Hood may be welded shut solid. No bigger than 2" strap ½" thick can be used to weld the hood shut. If the hole in the hood isn't large enough for inspection you will have to cut a bigger hole.
8. Two pieces of all thread up to 1" from the frame to hood is allowed, but must go through the front radiator support body mount. This can be welded to the side of frame. May have up to 8 spots total to hold the hood down. Only 2 to the frame, all other hood ties must be sheet metal to sheet metal. Can use # 9 wire, 3/8" cable, 3/8" chain or up to 1" bolts for the hood.
9. You can have a 3" X 3" angle or square tube across the inside of your radiator support with 2 kickers (3" X 3") attached to the frame in front of the A-arms to the topside of the frame only.
10. Wire in 4 spots may be used from the tailgate and hood to the bumpers on the front and back of the trucks.
11. Any automotive bumpers and bumper brackets may be used on the front and rear of vehicle. Bumpers may be re-enforced on the inside only. Bumpers and bumper brackets may be welded. Must have bumpers on the front and rear of the truck. From the end of the frame back 8" may be re-enforced, nothing bigger than 8" long and as wide as the frame is tall piece may be used. No connecting the frame rails to each other with added materials!! You may also have 2 straps 4" wide X ¼" on the front and rear bumpers. You can only weld 8 inches to the frame and 8 inches to the bumper. Strap must go straight from frame to bumper. Maximum bumper height is 30 inches to top of bumper in the center.
12. May use un-pressurized homemade radiator no larger than factory radiator placed in factory position with no frame or body reinforcement mounted with no more than 8 (eight) 3/8" bolts maximum. No water barrels in un-stock location.
13. Any ply of tire is allowed, but no tractor tires or studded tires on the back. No split rims allowed. Rims should have all wheel weights removed.
14. Rear end springs may be tied to the frame in 2 spots per side. Use # 9 wire, 3/8" cable or 3/8" chain. Springs may be clamped with 6 clamps per side. No more than 14 springs in rear and 9 springs in front with 2" stagger.
15. Tie-rod ends may be reinforced, but must be workable. A-arms may be welded or bolted to frame. Can not reinforce the frame.
16. If you re-stub a frame it must be done with same style/era of frame. This can only be done with a used truck and not fresh! Any body combinations may be used with any frame. Must be factory truck bodies nothing homemade.
17. No swapping of front suspensions from coil or leaf spring to a straight axle type. Suspension must retain the same type of factory suspension for that year pickup.
18. 4x4's are allowed, but must remove 1 drive shaft.
19. Only ½ and ¾ ton trucks are allowed.