

PIERCE COUNTY FAIR

DEMOLITION DERBY RULES 2021

Full Size Cars

Any year, make, or model car may be used except convertibles, imps, and all wheel drives.

- Frame & suspension must be same year, make, and model as body. No additional layering, bracing bolting, welding, wiring, chaining, etc. of any form may be done to any part of the car other than as specifically outlined in these rules.
- All carpet, cloth, plastic, glass, headlights, tailgates, grilles, mirrors, chrome, and other such trim must be stripped from inside and outside of the car. This includes third row seats and/or compartment covers in wagons. Interior and trunk must be clean of all broken glass, loose screw, cans, etc. EXCEPTION: Driver's door panel, kick panel, and B-pillar cover may be left in to protect driver from sharp edges underneath. Foam pads may be added around driver.
- Steering columns may be after market.
- Cooling systems may be modified. Water or antifreeze only. Radiator overflow hoses must vent down, preferably under the car, at least under the hood. Fans may be removed. Radiators or Roof barrels will be allowed. Nothing that strengthens the front end of the car. This is for cooling not to strengthen the car. Do not abuse this rule. Call with any questions or you will not run.
- Up right headers are allowed. No engine oil coolers. Transmission coolers allowed and must be securely bolted to the floor. You may run after market gas and brake pedals.
- Doors, Hood, Trunk lid, or Tailgate may each be secured in six (6) spots with: 3/8" Chain, a double loop of #9 wire or one loop of cable or four straps of metal per door and trunk no bigger than 3x4 strapping. Cars with no B-pillar may add one attachment point from the top of the door to the roof.
- You may run 3/4 inch all thread in hood. 1 inch read rod will only be allowed at core support, max of 2. Total of 6. Core support must bolt to core support, "not welded" your other 4 may be welded to inner fender or fire wall no more than 4 inches of welding per rod.
- Cars must have something in the windshield area to prevent the hood from coming into the driver compartment. 9 wire, chain, H bar, A bar; Max size for flat iron is 3 inches wide by 1/2 thick max size for tubing 2.5x 1/8 thick and cannot connect to the dash bar in any way! May connect to halo bar but do not abuse this rule. If you do you will cut or be loaded!
- HOODS MUST BE OFF OR FULLY OPEN FOR INSPECTION. Car will not be teched with the hood in place. Hoods must be cut open in a manner to allow easy access for fire extinguishing: judges' discretion. Minimum of 2'x2' hole. Hood must be mounted in the stock location. Hood must be chained or wired shut, or 3/4 inch all thread in 6 locations. May also use angle iron on hood and fender with bolt connecting them but no more than 4 inches long 1/4 thick and 2 inches wide. Hinges do not count as attachment points.
- Cars must have working brakes capable of stopping the car at the beginning of the heat. If a car loses brakes during the heat it may be DQ'd; judges' discretion. Pinion brakes are allowed but still no bracing of rear end.
- Any 10ply tire may be used not doubled. Air filled only. No studded tires, no valve stem protectors, no tire in tire, no foam filled. You may run 7-inch 5 lug weld in centers.

- DRIVER SAFETY: Drivers door seams may be welded solid but only driver's door. You may run a four-point cage and a halo bar with it being attached to the skin of the floor. Cage material no larger than 4 inch diameter or 6 inch c channel. Bar should be placed as close to the back of the driver's seat as possible and may not attach to the frame. No kickers allowed to the floor or frame. No grater blade or cutting edges allowed on the car. Call with any questions. Drivers must wear at a minimum of; blue jeans and a long sleeve shirt, fire suits recommended. Absolutely no sandals.
- Gas tanks must be boat or race car type tank & must be made out of metal and placed inside the car and firmly secured with bolts. NO ratchet or bungee straps. Original tank must be removed or have three visible holes at 1" diameter. No alcohol or methanol fuels allowed. Fuel injected cars with in-tank pump must be bought not homemade.
- Car numbers must be visible from both sides of the car, preferable on the front doors or on a roof plate.
- Any make engine/transmission allowed. Engine must remain in stock-style location forward of the original firewall. Motor mounts can be after market and welded in. Engine cradles may be left on engine, but only being welded to center section only using motor mounts. No DP's, Halos, Transmission braces, skid plates, etc. allowed. May use one chain per side of engine to go around the frame to secure engine. Firewall may have a 2'x2' hole cut in the firewall for the distributor.
- Slider drive shafts may be used. Rear-ends must be factory housing and axles no bracing allowed. You may cut off original factory ears and mounts from one rear end and place them on another rear end. Rear-ends must be mounted in a stock manner and location. Spider gears may be welded. You are allowed to chain rear end to the frame but only 1 spot per side no bigger than 3/8 chain. May run bolt through frame to connect chain but no gusseting the inside of frame.
- Suspension and frames must remain stock. No replacing body mounts, (the cars are supposed to be stock). Factory bumpers only and you may run any car bumper on any car as long as it's in factory location and a factory bumper. You may weld factory seams on bumper and pound down factory skin and weld that also. You may hard nose a bumper on but if hard nosing you may not run any brackets or shocks at all. If you choose to run the factory brackets or shocks bumper shocks may be drilled, compressed and welded. You may weld the bumper to the shocks but you may NOT weld the shocks to the frame. Bumper ends cannot be capped, but can be torched off. Bumpers must be mounted at the stock height. If the bumper is not welded on, bumper chains are mandatory. Homemade bumpers are allowed but no bigger than 4 inches deep and 6 inches tall at the ends and a 4 inch point. Two (2) Chains allowed and cannot be welded or in front of the radiator. We will allow you to strap your suspension down in front with only 2 inch wide strap no thicker than ¼ inch may connect 2 inches to the frame and manner or you will remove it completely.

Herby Cars

- Only 6 cylinder or less engines
- Wheelbase no more than 108 inches
- Gas tanks must be in front of rear axle and secured
- All other rules same as above.