

2019 Lake County Fair Derby

Chain N Bang Rules

Any changes to previous years rules have been highlighted

The derby is open to any American made hard top model stock car or station wagon.
No commercial vehicles, convertibles, pick-ups, SUVs, four wheel drive, or foreign type cars.
No pre 1973 Chrysler Imperials or LeBarons. 1974 and newer are allowed.
Previously run cars are okay if they meet the rules.

Remove **All** glass, plastic, chrome, mirrors, lights, grills, gas tanks, trailer hitches, rear seats, and flammable materials. All preparations must be done prior to coming to the derby.

- No anti-freeze only water is allowed.
- Automatic Transmission lines must be looped or ran to a cooler inside the car.
- Stock gas tanks must be removed, these rules state required size and position.

All drivers are responsible to clean their pit area before leaving.

Bumpers and Brackets

1. Car must have factory OEM bumpers and brackets it originally came with.
2. Bumper must remain in stock position.
3. Bumpers may have an 1/8 inch x 2 inch welded from the bumper to the bracket, cannot be welded more than 2 inches on the bumper and 2 inches on the bracket to help keep the bumper on. Flat strap can be straight or bent at 90 degree angle only and not wrapped around the bracket.
4. **No** welding of bumper or brackets.
5. Bumper shocks may be collapsed but not welded.
6. Bumpers may be trimmed for clearance only. **No** sharp points.

Radiators and A/C Condensers

1. Radiators must be stock automotive radiators. Radiators must be brass, copper, or aluminum.
2. No homemade steel radiators or steam tanks.
3. Radiators must be in stock position and cannot be welded in.
4. Ratchet straps, bailing wire, or bolts may be used to secure radiator.
5. No radiator protectors.
6. You may only use one A/C condenser in front of radiator, if used.
7. The A/C condenser may be bolted in with 4 – 3/8 inch thick bolts, with washers no bigger

than 1 inch, or may be wired in.

Engine and Transmission

1. Engine swaps are allowed.
2. No engine set backs are allowed.
3. You may cut a hole 12"L x 12"W in the fire wall for the distributor. Hole must be properly covered.
4. **No** distributor protectors or carburetor protectors allowed.
5. Stock motor mounts can be welded to the frame. No front head straps or rear motor mounts allowed.
6. You may use chain bolted to your heads or motor straight down to frame. No welding links together.
7. Lower engine cradles are allowed. If lower cradle is used you cannot use head to frame chains. Cradle can only be welded to engine cross member with no extra supports or bracing, and no other part of engine or cradle can touch the frame or sheet metal.
8. Electric fuel pumps are allowed but must have a shut off/ kill switch for fuel pump.
9. Transmission coolers are allowed.
10. Manual transmissions are allowed.
11. Floor shifters are allowed.
12. **No** transmission braces, transmission skid plates, or ultra bells are allowed.
13. Homemade transmission cross member is allowed. 2 inch material maximum with a maximum of a 2 inch weld at contact point on each framerail.
14. **No** slider drive lines are allowed.
15. Aftermarket gas or brake pedals and cable shifters are allowed. May only be bolted to the floor. Cable shifters may be bolted to floor or transmission.
16. Exhaust headers out of the hood are allowed.

Hood

1. 4 chains must be used, no more than ½ inch thick allowed, to secure hood.
2. Chains may go from hood to the bumper. Second set may only go through body and not to frame.
3. No welding washers to the body for the chain to go through – front or rear.
4. A hole is required in hood above carburetor in case of fire.
5. No welding inner hood to outer hood.
6. Hood must open for inspection.

Suspension

1. A-arms may be welded down with a maximum of 8 inches weld per side of vehicle with

1/4 x 2 x 4 inch flat strap.

2. No reinforcing of suspension. No swapping. Suspension must be original.
3. Spring spacers to raise the height are allowed.
4. No welding metal in the springs to raise front of the car. Leaf springs must be stock, No aftermarket springs.
5. No shortening of leaf springs.
6. No leaf on top of main leaf. No extra leaves. No tape or welding on springs. No motor home leaf springs.
7. 2 spring clamps per spring are allowed. No welding clamps to frame.
8. No coil leaf conversions.
9. 1960's and newer Fords and Mercurys may re-shackle leaf spring with factory stock car shackle the car came with.
10. No homemade shackles. No bump stops are allowed.
11. Coil springs in rear may be welded to the rear end. You can not bolt the springs through the frame to the body.
12. No welding K-frames on Chryslers.

Safety Bars

1. 2 side bars are mandatory. Side bars may be no bigger than 8" x 2" C channel. Must be 3 inches from firewall, be 5 inches from rear hump/wheel wells, and have a 5" gap from the floor.
2. 2 cross bars may be no bigger than 6" x 4" square or circle tubing. You may only have 2 cross bars.
3. Front cross bar must be 10 inches from the firewall and cannot connect to firewall. Front cross bar is mandatory.
4. Second cross bar must be behind driver's seat, within 6 inches of the seat. Second cross bar is mandatory.
5. One bar horizontal off of the back cross bar to roof is allowed. May be bolted to roof with a 6"x6"x 1/4" thick flat plate with 4 - 1/2" thick bolts, **OR** halo bar may be used welded to door bar only. Halo bar can make contact with roof or window but cannot be attached or welded in any way. Minimum gap of 2 inches between halo bar and roof sign.
- Halo bar cannot be used with horizontal bar. It's one or the other.
6. No down bars or halo bars allowed on door bars. No gas tank protectors.
7. Adding posts are allowed, if the car wasn't made originally stock with posts. Posts may be welded to door bar and to the top of car.
8. No welding cage to frame or floor of the car.
9. 2 front window bars are mandatory. 2 bars may be used in rear window. Window bars cannot be welded to the trunk or hood. Bars must be positioned in the window seam area. 2"x2" maximum material may be used as a bar. No connecting window bars to the cage.
10. No front or rear kicker bars.
11. Driver's seat may be welded to the floor, and cannot be welded or bolted to the frame. No plate is allowed under driver seat.

Batteries

1. 2 automotive batteries are allowed for the motor. Motor batteries are only allowed on front passenger floor. Batteries must be properly covered.
2. A third battery may be used for transmission cooler or an electric fan only.
3. Batteries must be securely bolted to the floor in a battery tray. No milk crates may be used.
4. No welding battery tray to door bars. No bolting the battery tray to cross member or frame.
5. No battery trays can cover any body bolts.

Gas Tank

1. Gas tank can be no larger than 7 gallons.
2. Gas tank may be bolted or chained securely to floor, but not to frame.
3. Gas tank must be placed behind the driver's seat.
4. Gas tank must be bolted in securely before inspection or you will not run – SAFETY

Doors

1. Driver door may be welded solid with 1/2" thick filler rod or 2"x 1/4" thick flat strap.
2. All other doors may be welded a maximum of 12 inches per line.
3. No extra metal or plate is allowed on the outside of doors.
4. No welding the inside of the doors.

Trunk lids and Tailgates

1. Trunk lids must be able to open for inspection and must be secured with 4 chains. No more than 1/2" thick chain is allowed to trunk.
2. Chains may go from the trunk to the bumper. Second set may only go through the body and not to frame.
3. Trunk lids may be tucked in (50% in stock position), and cannot be welded to the floor of the trunk.
4. Tail gates must have 2 chains to secure it.
5. No deck lids in wagons, they must be removed.
6. You cannot weld the inner to the outer of the trunk lid. No inner seam welding inside the trunk.
7. 10 inch inspection hole must be cut in trunk lid.

Rear End

1. No rear end swaps are allowed. Rear ends must match year/make/model. Must be passenger car rear end, no truck rear ends. 5 lugs is maximum.
2. No rear end braces are allowed. No pinion brakes are allowed.
3. Locked rear ends are allowed. Welding spiders or spool is allowed.
4. No reinforcing trailing arms.

Tires and Wheels

1. No tire rule. Any ply and mud grips are allowed. Wheel size may be no larger than 15".
2. Valve stem protectors are allowed. Valve stem protectors must be welded securely for safety.
3. No zip screwing rims to tire. No bolting rims to tire. No bead locks.
4. Lug nut size may be no bigger than 1".
5. Wheels must be factory car wheels.
6. Wheels may not be reinforced.
7. You cannot have homemade centers on rims. Universal centers are allowed, must not go past a half inch past bolt holes, may be welded in with no filler rod or added metal.
8. Wheel seams may be welded and shortened down to 5 inches with no filler rod or added metal.

Fenders and Quarter Panels

1. Fenders may be cut out.
2. Quarter panels may be cut out and rolled.
3. No bolting fenders or quarter panels.

Body and Frame

1. Body to frame hardware and bushings must be stock. No changing body bolts.
2. You may not remove rubber pucks between body and frame.
3. No frame repair is allowed. No seam welding or plating to the frame. No pinning the frame or running bolts through existing holes.
4. Frame notching is allowed. No welding the body to the frame.
5. No hammering of the frame is allowed.
6. No flattening of trunks, speaker decks, or tail gates.

7. No tilting of any vehicles.
8. Frame cannot be painted or any undercoating painted on vehicle.

Rust Repair

1. Floors in car may be repaired with metal the same thickness as it was originally. Overlapping of repair may only be up to 1 inch past the rust spot.
2. If you have any other rust issues than mentioned above please contact officials.

Safety

1. Full face helmets are required.
2. Minimum of 1 lap belt is required. 4 point harnesses are allowed.
3. Long sleeve shirts and pants are required. No short sleeve shirts or shorts are allowed.
4. You must have a fire extinguisher on hand in pits.
5. No alcohol, drugs, or firearms are allowed in pits.

Car Numbers

1. Driver and passenger sides of car must have car number visible, minimum of 16" tall.
2. Roof signs are allowed but not required.
3. Roof sign must have minimum of 2 inch clearance from halo bar.

Disqualifications

1. Teaming will result in disqualification for all parties.
2. Sandbaggers will be warned first time, second time will be disqualified.
3. Driver's door hit are not allowed. First time will be a warning, second time will be disqualified.
4. We have a 2 fire rule. Will be discussed at driver meeting.
5. If cars do not pass re-inspection after main event it will result in disqualification.
6. Unsportsmanlike conduct may result in disqualification.
7. 2 minute rule. Drivers who do not make a hit for 2 minutes or more will be timed out and required to shut off.

Inspection / Tech

1. You will have 2 chances to pass through tech.
2. If your car is not ready after second tech you will not be allowed to race.
3. Driver and 1 pit crew are allowed to be in the inspection area.
4. For used cars – Any frame repair, must contact officials to be approved.

Disclaimer

1. If it is not stated in these rules it is not allowed.
2. Please do not assume any rules, it may result in disqualification of your car to race.
3. Please call Ed at 707-843-8685 if you have questions or are unsure of any rules.