

# BOX BUTTE COUNTY DEMOLITION DERBY

## COMPACT CAR RULES

REVISED 2021

**DISCLAIMER TO CAR BUILDERS AND DRIVERS: IF IT DOES NOT SAY YOU CAN DO IT WITHIN THESE RULES, DO NOT DO IT. ALL CARS FOUND TO BE ILLEGAL WILL NEED TO BE CORRECT TO PASS OFFICIALS INSPECTION, CARS THAT DO NOT PASS INSPECTION WILL NOT RUN.**

### COMPACT CAR SPECIFICATIONS AND REGULATIONS

1. Any stock compact car is allowed up to **3200lbs and up to 106.5"** maximum wheel base. Must be as it states in NADA Blue Book.
2. No V8 engines, 4x4, pickups, or convertibles.
3. All glass must be removed from the car. That means ALL GLASS! This includes fiber glass.
  - a. Windshields, rear windows, side windows, mirrors, headlights, tail-lights, bulbs and lenses, turning lights, bulbs and lenses, back up lights, bulbs and lenses. All brackets and mounting assemblies that hold lights in place need to be removed.
  - b. All chrome molding strips and molding clips must be removed from the car. This includes, but is not limited to the following:
    - i. Hood
    - ii. Fenders
    - iii. Sides of vehicle
    - iv. Trunk lid
4. The following items must be removed from the passenger compartment and trunk area:
  - a. All inside door panels
  - b. All carpeting and padding
  - c. The headliner
  - d. The rear seat
5. The original gas tank must be removed and a metal six (6) gallon maximum capacity tank must be securely fastened in front of the rear axle inside the car. Tanks must be surrounded in a metal case if plastic or they must be metal. No exceptions. If a car is seen as unsafe by the judges it will not run until it is deemed safe. It must not leak and must be properly ventilated. No exceptions (boat tanks are highly recommended.) Regular, Unleaded, Diesel, and Aviation fuel will be the only fuels allowed to be used. Six gallons will be MAXIMUM

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PERMITTED in the car at one time. NO EXOTIC FUELS PERMITTED!!! **All tanks must be covered with a non-absorbent cover such as a mud flap or inner tube to prevent the driver from being splashed with fuel.**

6. The original battery must be removed and one securely installed in the passenger side front floor board, a white rag tied to the positive battery cable and **battery must be covered.**
7. All trailer hitches, shackles, lift kits, and blocks must be removed. All air shock lines must be cut.

### CAR RULES

1. This is absolutely a no weld class of cars, except what is permitted in the rules.
2. Radiator and cooling systems must remain in stock position.
3. Auxiliary water systems are not allowed. The original or an automobile radiator must be left in its original location. You may remove the fan if desired.
4. **DOORS:** All doors must be bolted or chained shut.
  - a. The driver's door may be welded shut.
  - b. **Maximum of 9 bolts/chains per door.**
  - c. The driver's door may be reinforced on the inside and outside of the car. The inside of the door may be padded if DESIRED. The only restrictions to this rule at present are: *As of 2006 all cars must have a bar door post to door post behind the driver seat. No exceptions.*
  - d. All drivers' doors must be painted orange. Orange cars must paint the door yellow. A 3-sided roof sign with your number on it is mandatory.
    - i. Any bar located in front of the driver for the purpose of reinforcing the driver's door may extend from driver's side door to passenger side door across the firewall. You may also;
      1. Extend from driver's side door diagonally to passenger side frame. You can weld or bolt to frame.
      2. Extend from driver's side door, parallel to the floor and not exceed 12 inches past the center of the car before it angles directly to passenger side frame you can weld or bolt to frame.

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3. A bar may be added to passenger side front and rear protection bars if it is at least 10" away from the passenger door.
  4. Only one front protection bar may be used. You may **not** go to both the frame and the door post
- ii. NO GRADER BLADES ON DOORS. Reinforcement to outside or door may only extend 6" past door seams of car toward the front and the back. Please taper all corners so as not to rip sheet metal or other cars, (will be required by judges.)
5. 2" to 4" pipe behind driver's seat. It must have a 6" minimum or 16" maximum plate welded on both ends and bolted or welded to the car. (For safety only no support members)
6. **FRAMES:** Homemade motor mounts, transmissions mounts, and rear-end mounts will be allowed to be welded to the frame.
  - a. Motor mounts can be welded to the frame but must be 4" in front or 4" behind the original motor mount.
7. **HOODS:** be bolted, strapped or chained down. (Can only pick two)
  - a. **If bolted:** It may not be bolted in more than six (6) locations and the maximum size of material will not exceed (1) 1" ready rod (2) washer plate size must not exceed 4x4" (3) No bolting of material will be allowed to be placed in front of the radiator for the purpose of protecting the radiator. Addition for 2006...**All cars will be required to have 2 bars or rods in the window to keep hood from coming in on the driver. NO EXCEPTIONS.**
  - b. **If Strapped:** It may be strapped from hood to front bumper in only two locations and the maximum size of material to be used will not exceed 2" wide by 3/8" thick and no longer than it takes to reach from the hood to the bumper to be attached. No strapping material will be allowed to be placed directly in front of the radiator for the purpose of protecting the radiator. Straps can be bolted only.
  - c. **If Chained:** No more than two (2) single strand wraps will be allowed from the bumper to the hood. No chains will be allowed to be placed in front of the radiator. Chains can be bolted only.
    - i. All hoods must be left in their original stock location. A hood may be bent over the front bumper provided the hood has not been slid forward.

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- ii. All hoods bolted, strapped, or chained will have to have two (2) fire extinguisher holes in the hood, one (1) on each side of the carburetor, a minimum of 6" in diameter.
  - iii. Hood may be folded to top of the fender only not down the side. This will be a judge's call. Use discretion when doing so or you will be made to cut it if the judges feel it is on the side of the fender. Hood may not be folded to cover the radiator of the car.
8. **TRUNKS:** All trunk lids must be bolted, strapped or chained shut. Pick two.
- a. **If Bolted:** It may not be bolted in more than four (4) locations and the maximum size material to be used will not exceed (1) 1 " diameter ready rod (2) washer plate size must not exceed 4"x4".
  - b. **If Strapped:** It may be strapped from the trunk lid to the rear bumper in only two (2) locations and the maximum size material to be used will not exceed 2" wide, 3/8" thick and no longer than it takes to reach from the bumper to the trunk to be attached.
  - c. **If Chained:** No more than two (2) single strand wraps will be allowed from bumper to the trunk.
9. **SUSPENSIONS: NO MODIFICATION** to the front or rear suspensions are allowed.
- a. All shackles lift kits, and blocks must be removed.
  - b. No welded or modified shocks.
  - c. All air shocks must be cut.
  - d. No more than a total of 8 leaf spring clips will be allowed on the car.
    - i. A maximum of 2 in the front and 2 behind the rear differential on each side.
    - ii. These clips must be similar in size to the original if not be original stock clips.
  - e. The rear differential must sit on top of the leaf springs.
  - f. Exceptions
    - i. Chains will be allowed to make repairs if and only if, a ball joint has been broken.
    - ii. You will be allowed to chain the rear-end to the body or frame.
  - g. No welding on leaf springs will be allowed.
  - h. The lower part of the strut up to 6" may be welded, but no added material is to be used for support other than welding wire or rod.
  - i. **Cars must remain at stock height. Judges discretion applies.**
10. **BUMPERS:** Bumpers may be welded to a chain that is welded to the bumper only. No direct welding of the bumper to the frame.

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- a. Bumpers and Bumper mounts can be changed. They must be off of a compact or sub-compact car and cannot be wider than the car.
  - b. A 5x5 plate (3/8" thick) may be welded to the bumper only.
  - c. Homemade bumper mounts to frame made of 3/8" metal can only be bolted up to 6" on frame.
  - d. **You can use 5x5x1/4" Straight - Square tubing for a bumper. It can't be capped, beveled, formed, pointed, or altered in any way.**
11. Transmission coolers are allowed.
12. Any tire with any tread. **NO** studded tires or long bar/short bar tires on drive tires of car. This means **NO** skid steer, rod weeder, or tractor type tires.
13. Driver's door may be painted a contrasting color. This is your choice to do so.
14. **SCREWS:**
- a. You may use screw up to 1/8" in size to screw the car together. There must be a 2" gap between screws.
  - b. You may use screws or bolts on the car to tie the sheet metal together.
    - i. Screws or bolts larger than 1/4" in size and below 1/2" in size must have a 4" spacing between them.
15. All cars must have air cleaners.
16. All cars will be numbered on both sides in contrasting colors. Numbers must be at least 12" in height. A three sided roof sign is a must with the number on all three sides. **NO FLAGS!**

**ALL OF THE ABOVE RULES WILL BE STRICTLY ENFORCED**

**All contestants in the Derby are independent contractors. The Box Butte County Fair Board or their representatives reserve the right to approve or reject any and all entries. The Box Butte County Fair Board and anyone involved in promoting or participating in the event will not be held responsible for any cars, parts, or personal property before, during and after the event. All cars not removed by midnight the night of the show will become the property of the Box Butte County Fair Board.**