

BOUNDARY FORD

Presents

Boundary Auto Wars – MINI SIZE CAR RULES 2025

4- OR 6-Cylinder Car Rules & Regulations

1 - General:

- 1) **Safety** for our spectators, officials, Drivers, and crew is our first concern. Fire, flying debris, and impact injuries are possible. Keep those thoughts in mind when stripping and building your car.
- 2) **All officials' calls are final!** There is no protest rule. Any Driver, Pit Crew, or family members arguing with the officials or staff will result in that Driver's disqualification and possible ejection. No official calls will be overturned!
- 3) **If it does not say you can do it in the rules, it is not allowed! Do not push the "Grey Area," you may not compete. Any questions ask Tech.**
- 4) If there are any discrepancies during Tech Inspection, you will be given **one** opportunity to repair your car. If you are unable to make the changes required, your car will be loaded and your entry fee forfeited. **No more than two times through Tech Inspection.**
- 5) We reserve the right to re-inspect any car, at any time before, during or after the derby if needed. You may be asked to cut areas of question open before, during or after derby if needed. All cars are subject to post race inspection before any prize money is awarded.
- 6) Must have working brakes! Brake test will be mandatory before inspection.
- 7) Absolutely **NO SANDBAGGING!!!!!!** ONE WARNING. THAT'S IT! Our crowd is here to watch us put on a show, LET'S GIVE THEM ONE!!
- 8) Open to any make or model except the following: No convertibles or T-tops. There will be no tolerance on this subject.
- 9) Do not come to inspection if your car is not race ready. Remember, you only get **two** times through Tech Inspection in total.
- 10) The rules clearly state where you can weld and what can be reinforced. There are no gray areas, do not try and create any. Follow the rules!!!!
- 11) Seat belts are mandatory; a lap belt is the minimum.
- 12) Helmets, eye protection, long pants, long sleeves, and closed toe footwear are the minimum. We suggest FR clothing to prevent burns in case of fires or rad hose releases.
- 13) Intentional Driver's door hits are illegal. You will be disqualified from the heat if it is determined that the Driver's door hit was intentional. If YOU use your door as defense, then HOLD ON!
- 14) There will be a 2-fire rule, we will put out the first fire. A second one will have you disqualified from that heat.
- 15) If you are rolled over judges will access vehicle for hazards and make the decision if the car is safe to run. At **JUDGES' DISCRETION.**
- 16) Be advised that by participating in this event you and your car may be filmed, and that the use of your image, likeness and voice may be used.

2 - MANDATORY STRIPPING OF CARS:

- 1) Remove all glass, lights, lenses, mirrors, airbags and hardware.
- 2) Remove all body trim, hub caps and exterior ornaments.
- 3) Remove fuel tank.
- 4) Remove trailer hitch and all mounting hardware.
- 5) Remove all interior upholstery, plastics, carpet and trim EXCEPT for the front seat. You may change the seat, but it MUST be secure.
- 6) Prior to inspection your car MUST be cleaned of all loose objects.

3 - DOORS AND DOOR REINFORCEMENTS:

- 1) We will allow **almost** a cage built around the Driver from sturdy, easily assembled material bolted to the car body only. Bars may be welded to each other.
- 2) Both the Driver and passenger doors must be reinforced with 2"x 6" channel iron, I-Beam or box steel. 3/16" is the minimum thickness, a maximum width of 12" and a total length of 76".
- 3) Ends of bars must be rounded.
- 4) Door bars must be bolted ONLY through the entire door/doorpost or fender with a good size washer. 1" bolt is recommended.
- 5) Door bar can extend 8" maximum ahead of the front fender/door seam.
- 6) If either the Driver or passenger door bar falls off, you will be disqualified from that heat.
- 7) All doors must be bolted OR chained (1 wrap maximum 3/8" chain) OR wired (3 wraps maximum) OR welded using 2x3/16" flat or 1/2" round, 6" on and 6" off. Bar clamps are acceptable.
- 8) Front dash bar and rear cross bars are MANDATORY!!!! (This is for your safety!!)
- 9) Floor to roof head bar is mandatory. You may run 2 of these.
- 10) Hard top cars may run a bar from cage to roof to act as a B pillar.

4 - ENGINE:

- 1) You must run a header or manifolds with exhaust pipe above or below engine.
- 2) Any stock or stock-type engine may be used in any car, but it must be mounted within 3" of the original motor.
- 3) Frame mounts may be welded to the frame, but engine must bolt to mount. You may chain the motor, but you must use an existing bolt.
- 4) Mounting of engine must not strengthen the car in ANY way.
- 5) **No lower engine cradles, but can run a distributor, carburetor, and coil protectors.**
- 6) Engine mounts must not connect to each other.
- 7) You may strengthen the motor mounts and add bracing to the mounts, but you must bolt to the existing holes on the engine.
- 8) You must have an air cleaner over the carburetor.
- 9) There is no starting fluid allowed.
- 10) No skid plates.

5 - TRANSMISSION:

- 1) You must use a stock transmission, or minimum of stock case.
- 2) You may use any type of mounts.
- 3) Transmission coolers may be used but they must be secured in such a way to prevent injury.
- 4) 3/4" hose attached to fill tube is recommended.
- 5) Metal or braided lines must be used. No fuel or low-pressure lines allowed.
- 6) Coolers must be secured in the passenger compartment of the car.
- 7) You may use any type of shifter.

6 - REAR END:

- 1) Rear end swaps are allowed but you must use stock brackets to mount them.
- 2) Rear ends must be of a passenger car origin, 5 lugs maximum.
- 3) You may weld stock brackets to the rear end.
- 4) You can use any type of rear end. Ford, Mopar or GM.
- 5) No chaining of rear end to body or frame.
- 6) No truck, 8 lug or floater rear ends.
You can lengthen or shorten the trailing arms, but they must be of passenger car origin and must operate.
- 7) You cannot reinforce the trailing arms.
- 8) Rear end braces are not allowed.
- 9) Absolutely no custom brackets.
- 10) You can use any type of drive shaft.

7 - REAR SUSPENSION:

- 1) 10 leaf maximum.
- 2) 5/16" Maximum thickness and 2 1/2" maximum width.
- 3) No extended spring shackles.
- 4) Must have spring stagger.
- 5) 3 Clamps per spring.
- 6) No custom mounting plates.
- 7) No welding on the spring pack.
- 8) No flat sprung cars.
- 9) Coils can be doubled or tied in.
- 10) Stock-style shocks required.

8 - RADIATOR AND SUPPORTS:

- 1) Radiator must be in stock position.
- 2) Radiator supports must remain in stock position.
- 3) OEM style radiators only. No custom radiators.
- 4) Electric fans are permitted.
- 5) You cannot add cooling capacity. No supplemental cooling devices are permitted.
- 6) No antifreeze.

9 - FUEL SYSTEM:

- 1) No plastic fuel tanks.
- 2) Marine tanks or metal fuel tanks only.
- 3) Original tanks must be removed.
- 4) Tank must be securely mounted behind the Driver seat.
- 5) Will allow any type of gas pedal.
- 6) Automotive pump gas only, no alcohol.
- 7) Electric fuel pumps are permitted.
- 8) You must have a clearly marked on/off switch for the pump.
- 9) All the lines must be double clamped.

10 - TIRES AND BRAKES:

- 1) You can run any type of tire, including doubled tires and tubes.
- 2) Maximum rim size 16"
- 3) Flapper tires are allowed.
- 4) No split rims, studded tires, solid or filled tires permitted.
- 5) Valve stem protectors allowed.
- 6) No homemade rims allowed.
- 7) All wheel weights must be removed.
- 8) Any type of braking system or configuration is allowed.
- 9) All cars must be able to demonstrate the ability to stop at any time. If you have no brakes, you will not compete.

11 - BATTERIES:

- 1) You may run a maximum of two 12-Volt batteries.
- 2) Batteries must be securely fastened in front of the passenger seat.
- 3) Batteries must be covered.

12 - FRAME:

- 1) Absolutely no frame reinforcement will be tolerated other than stated.
- 2) Frame can only be repaired if repair was clearly needed to the following specifications:
 - a) 3/16 max plate thickness
Two plates per repair max size 4x6
 - b) Plates can be any configuration you wish, 1 per side, 1 on top and 1 on bottom or both on one side, if 2 plates are used on one side, they must be 2 separate plates.
 - c) Repairs must be painted bright for all to see.
 - d) Only 1 repair per corner of car.

13 - BUMPERS:

- 1) **Bumpers are to be OEM.**
- 2) Front to back swapping is permitted.
- 3) If you choose not to use brackets, you can weld your bumper directly to the frame.
- 4) No custom brackets allowed.

- 5) You may not weld the bumper to the body.
- 6) You can trim your bumper.
- 7) You can flip the bumper.
- 8) Bumper can be chained, 1 wrap with 3/8" maximum chain or wired, 3 wraps.
- 9) You can weld the bumper to the brackets and the brackets to the frame.
- 10) All bumper brackets and shock components must be OEM automotive materials.
- 11) Adding material to the bumper is not permitted.
- 12) If the bumper is too rusty, get another one.
- 13) Bumper height maximum is 22" to the bottom of the bumper.

14 - SUSPENSION AND STEERING

- 1) You can use any steering column.
- 2) Coil springs may be fastened by welding, clamping or bolting.
- 3) Suspension must be original factory components.
- 4) Steering universals are allowed.
- 5) You cannot remove the shocks and put anything in their place.
- 6) Coil spring spacers are allowed.
- 7) You can lower the center link.
- 8) No reinforcing or pre-bolting/chaining of any steering parts.
- 9) Both ends of the car must have working suspension.
- 10) No pipe tie rods.
- 11) Steering wheel to the steering box may be modified.
- 12) Air shock lines must be cut.
- 13) Any type of power steering pump is allowed.

15 - HOOD:

- 1) Car hoods are mandatory.
- 2) You must have a hole in the hood to extinguish a fire.
- 3) Hoods must be bolted, chained or wired a maximum of 6 places.
- 4) 2 of the 6 can go through the frame.
- 5) Maximum bolt size is 1 1/4", OR 1 wrap of chain maximum 3/8", OR 3 wraps of wire.
- 6) Maximum washer size is 6"x 6".
- 7) Maximum of 20 3/8 bolts may attach hood panels together.

16 - TRUNK:

- 1) The trunk may be bolted, chained or wired in a maximum of 6 places. 2 of the 6 places can go through the frame.
- 2) Lids may be tucked or inverted.
- 3) Maximum bolt size is 1 1/4", OR 1 wrap of chain maximum 3/8", OR 3 wraps of wire.
- 4) Maximum washer size is 6"x 6".
- 5) Maximum 6 fastening points on all cars.

17 - BODY:

- 1) You cannot remove body mounts except where all thread passes through.
- 2) If you replace the body bolts, they must be of factory size.
- 3) Wheel wells may be trimmed.
- 4) You may cut the fire wall.
- 5) Pre creasing is permitted.
- 6) Maximum 8 - 1/2" bolts per wheel well.
- 7) Rusted out floor pans can be replaced with material that is not thicker than it was originally.
- 8) You can tack in replacement floor pans but must not strengthen structure.
- 9) No white cars.
- 10) 1 front window bar is suggested. You may run 2.
- 11) Side window bars are permitted and suggested.
- 12) One rear window bar is allowed but may not attach to the trunk lid.
- 13) Window bars may only be bolted.

18 - WHEELBASE:

- 1) Maximum wheelbase allowed for a mini car is 107"

If it doesn't say you can do it, don't do it, we will not let you push the grey areas of the rules, everything is in black and white.

Questions about rules and tech specifications should be directed to:

??..QUESTIONS..??

Call 306-825-5571

-Or-

E-Mail EventAdmin@lloydex.com