

GENERAL RULES FOR ALL CLASSES

PLEASE READ RULES WELL, CHANGES HAVE BEEN MADE

For questions call Doug at 507-476-0293

1. Drivers must be at least 16 years of age and have a driver's license. Ages 16 and 17 must preregister and send a notarized release form.
2. One pit man is included with entry; extra pitcrew \$20 each.
3. **Entries will be accepted up to ONE hour prior to race time. You must be in the inspection line no later than ONE hour prior to race time. Late entries will be accepted up to 30 mins prior to race time, with a \$50 penalty. Entries later than 30 mins to race time won't be accepted. No exceptions.**
4. Everyone entering the event area is required to sign their own name on the entrance waiver before entering the pits.
5. Drivers must wear seat belt and full-face helmet along with eye protection at all times while operating vehicle.
6. Drivers and pitcrew must attend the pit meeting 45 mins before race time.
7. No driver or pitcrew thought to be under the influence of alcohol or drugs will be allowed to participate, enter or remain in exhibition area. No alcohol in pit area before or during event! Violation will result in disqualification and forfeiture of entry fees.
8. No hot rodding in the pits. Keep it at an idle.
9. Fire extinguisher required in pits.
10. Drivers will have 1 minute to make a legal, metal-bending hit.
11. If your car dies you will be given 1 minute for restarts, then 30 seconds to make a hit.
12. Any open door or fire will cause disqualification for that heat.
13. **Any vehicle thought to be unsafe will be disqualified for that heat.**
14. No EICaminos, convertibles, hearses, limos, etc. No re-stubbing frames.
15. **Sandbagging and team-driving are not tolerated, and will be strictly enforced. This is your warning.**
16. **No intentional hitting of drivers door, or you're disqualified. Don't use your door as a shield. Officials will decide if it's accidental or carelessness. If dq'ed in a heat, you may not compete in consi/feature.**
17. **We will be unhooking cars that are hung-up in the FEATURES ONLY.**
18. Any questions or controversies will be discussed at the pit meeting.
19. Only the driver may speak with any questions or controversies (no pitcrew).
20. All official's decisions are final.
21. If there are not enough cars to run a class, those cars will be given the option to enter another class.
22. **Yelling at, use of profanity toward, or interrupting an official will result in you being escorted from the event area. This includes your pitcrew. Your entry fees/winnings will be forfeited and it will be the officials call if you're allowed to compete next year.**

GENERAL DEMO UNIT PREPARATION FOR ALL CLASSES

This is what you are allowed to do to your car. All rules are at official's discretion. Because we offer such a variety of classes, some general rules are overlapped in the class-specific rules. To make the rules as simple as possible: 1. Class-specified rules trump the general rules. 2. If it's not addressed in your class-specific rules, the general rules are to be followed. 3. If it isn't addressed anywhere in the rules, assume that you can't do it. Any questions, please call first.

BODY, FRAME, WHEELS

1. No welding anywhere other than allowed in the rules.
2. No added weight to the vehicle. No plating, pinning, buffing, grinding, or packing any part of the car.
3. **No painting, undercoating, added grease/oil on frame. You will not even be inspected.**
4. Absolutely no frame or body alteration or reinforcement of any kind, other than allowed in the rules.
5. All outside hardware (door handles, chrome, moldings, mirrors, etc.) must be removed. All glass must be removed completely, none in bottom of doors.
6. You must have at least a 15"X15" roof sign with your number on it, and on both doors.
7. All trailer hitches and braces must be removed.
8. Wheel centers allowed. Trucks using split rims must add at least eight 1" welds to ring. No bead-locks or screws through the rim.
9. Wheel weights must be removed.
10. Tires must be filled with air only. No solid or studded tires. Valve stem protectors allowed.
11. You may tuck/prebend/notch the rear of your car. Must remain safe.
12. No added bolts, screws, or body mounts, other than allowed in rules.
13. Body mounts may be removed, and replaced with no larger than 3/4" dia. 6" long with 4" max. washers. 1" space must be between body and frame.
14. Interior body seams and window openings may be welded in all classes except chain stock. No added metal.
15. Body panel shaping allowed in all classes except chain stock/midsize. Trunks must be a minimum of 6" from floor pan. Panels may not be doubled over and welded.
16. Body and frame rust patching is allowed, at official's discretion. You must leave the rusted panel intact, so it can be seen with a scope. The repair panel must be no thicker than the panel being repaired. Leave a spot unwelded to show thickness. May go 1" past the damage. Don't abuse this rule, or you'll be cut! Call with questions.
17. Frame patching is allowed only on bent cars that **need** it (officials discretion). 2 patches total in front, 2 patches total in rear (a total of 4 pieces of metal used for entire car). No bigger than 4"x4", no thicker than the original frame rail. **Must be able to prove bend.** Leave a spot un-welded to prove thickness.
18. Drivers door may be welded solid. May be reinforced, but no further than 6" beyond the door seam.
19. All other doors must be secured shut in the way allowed per class.

20. You may bolt inner and outer fenders together. Max of 12 bolts per fender.
21. You may add up to 16 bolts or self-tapping screws to the hood. Max of 3/8" bolts with 1" washers.
22. Must have holes in hood for fires.
23. Must be able to see inside of trunk.
24. Must be able to open hood for inspection

WINDOWS

1. Windshield MUST have two straps, bars, or chains from the roof to the cowl to protect driver.
2. Window grate allowed on driver side.
3. Cars with no posts may weld a 4" wide, 1/4" thick strap from roof to door.
4. One rear window bar is allowed in all classes except chain stock/midsize. Max. of one 3"x 3/8" flat or C-channel. 6"x6" max. endplates, Must be vertical, no more than 6" onto trunk lid. Not allowed on hatchbacks or wagons.

POWERTRAIN

1. Any powertrain may be used in any car, but the motor MUST be within 2" of the original motor. NO SETTING BACK OR RELOCATING MOTOR!!
2. Home-made driveshafts allowed.
3. Motor mounts may be chained or welded, but must not reinforce frame in any way.
4. You may use headers and floor shifters.
5. Differentials may be welded for posi.
6. Must have at least 2 working brakes.
7. You must have an air cleaner on at all times.
8. Radiator and fan may be removed, but not relocated to another part of the car. May use electric fans. No adding to the cooling system in any way. No home-made radiators or radi-barrels except where allowed in class-specific rules.
9. Mid-plates and distributor protectors, carb protector, and steel bellhousings/steel tailshafts are allowed in the Heavy truck and Full-Size MOD classes. Transmission bracing that doesn't involve a steel bellhousing and tailshaft is allowed in full-sized weld. Compact truck, and light truck classes. Call with questions.

SUSPENSION

1. Suspensions must be completely original, other than allowed in the class rules.
2. No coil-over shocks, no altering shocks in any way.
3. Max. of 4 leaf spring clamps total per side (including factory clamps). 4"x4", 1/4" thick max.
4. You may chain rear-end humps with one loop of 3/8" max. chain per side.
5. Coil springs may be chained or wired in place.

BUMPERS AND BUMPER BRACKETS

1. Bumpers and bumper shocks must remain completely stock, other than allowed in rules.

2. **Heavy Trucks** and **Full-Size Mod** cars may stuff bumpers, but must appear stock to the crowd. Must contour the factory chrome. This means NO HOMEMADE BUMPERS! Don't abuse this rule, call with questions.
3. Classes that aren't allowed to stuff bumpers must have at least a 2" inspection hole in bumper ends.
4. Two bumper shocks or brackets for the front, two for the rear. (No doubled brackets)
5. **Minimum rear bumper height for all classes including trucks is 16" to the bottom if quarter panels/box sides are vertical, and 22" to the bottom if the quarter panels/box sides are not vertical. Maximum height is 28" to the top.**

INSIDE OF CAR

1. Driver's seat must be securely mounted to the floor. If you're using bolts, they may not go through the frame.
2. May use home-made steering columns.
3. Transmission coolers allowed up to a reasonable size. If not left in stock location, they must be secured safely inside a container in the passenger compartment of the car.
4. All flammable materials, except what's needed for driver's safety, must be removed.
5. Batteries must be relocated to pass. floor. They must be mounted and covered securely. Max. of two batteries.
6. Holes in the firewall must be covered well.
7. Spreader bars must be no larger than 6" diameter. One in dash, one behind driver's seat- no further than 18" behind driver seat. Dash bar must be at least 8" away from engine and transmission. May connect the two, to form a 4-point cage.
8. Halo bars allowed and recommended. May not be angled backward, no kickers allowed, and attached to the spreader bars only. **MUST NOT ATTACH TO FRAME!**
9. Gas tank protectors allowed in one of two ways: Welded to the back of the spreader bar and floor, no more than 30"x30". Or welded to the back of the spreader bar only, 2"x2" max. pipe **free-floating** 2" min. from floor, 12" min. from doors.

FUEL SYSTEM:

1. Fuel tank must be located in back seat area.
2. **Must be very securely mounted and covered.**
3. No plastic fuel tanks allowed. Boat tanks or well-made fuel cells only. No relocating original tanks to inside of car. No fuel tanks larger than 10 gal.
4. Original fuel tanks must be removed.
5. Fuel lines must run inside of car, not under or along frame.
6. Fuel lines must be secure, and kept away from sharp/hot areas.
7. High-pressure fuel-injected cars must use adequate fuel line for the pressure.
8. **Electric fuel-pump vehicles must have an emergency shut-off that is easy to locate in case of fire. Use fluorescent tape or paint.**

CLASS-SPECIFIC RULES:

Full-Size Weld Class- Any standard passenger car, no '73 and older Imperials or Imp.

subframes. No '69 and older Continentals or Thunderbirds. No '03 and newer Fords, '98-'02 Fords must use FACTORY rear suspension. Y-framers may not plate, only pinch and weld frame together, and use bumper shocks. Buick, Olds, and Pontiacs may fill the large hole in frame behind core support. This must be a butt-fit one pass weld only. K-frames may be welded with two 3" long beads per frame rail (Four welds totaling 12" for entire K-frame)

1. ALL GENERAL RULES APPLY, WITH THESE EXCEPTION.
2. You may weld, chain, bolt, or wire the doors and trunk shut.
3. Door and trunk seams may be welded, 5" max. weld, 5" min. gaps. NO SOLID WELDING!
4. The ONLY welding allowed on the frame is not more than a 3/8" wide bead on the top seam only, firewall forward. Do not weld the bottom seam.
5. No welding inner and outer fenders together, inner fenders to frame, etc.
6. Hood may be bolted, wired, or chained shut only. Max of six 1" hood pins and 6" max. washers. May be welded in place. Only two may go to frame
7. Trunk may use up to four 1" trunk pins with 4" max washers. May be welded in place. Only two may go to frame. May also be welded shut also, 5" on, 5" off.
8. Maximum of 9 leaves per side. Must be factory thickness and have factory step-down
9. Coil springs may be interchanged.
10. Tie rod ends may be reinforced, but must start with originals (not home-made).
11. Hybrid diffs. allowed, 5-lug max. No 3/4 ton diffs.
12. Bumpers, bumper shocks, and brackets may be welded and/or bolted to the car. Bumpers may be seam welded.
13. Front suspension may be welded with two 2" straps, may not strengthen frame.
14. You may wire windows in 3 places per window opening. Must remain within that window. Wire may go to the frame in no more than four places. Washers may be welded in place to support the wire, 2" max. Welded to sheetmetal only, not frame.

Compact- May be up to 105.5" wheel base. 6 cylinder and less only. Leave VIN tag in tact, to verify wheelbase.

1. ALL GENERAL RULES APPLY, WITH THESE EXCEPTION.
2. All parts must be compact origin, except bumpers and rims
3. Fullsize bumpers allowed, may be seam welded.
4. Any Compact car bumper shock is allowed. If you don't used a bumper shock, you may use a 2"x2"x8" max square or round pipe. Call with questions.
5. You may wire windows in 3 places per window opening. Must remain within that window. Wire may go to the frame in no more than 4 places. Washers may be welded in place to support the wire, 2" max. Welded to sheetmetal only, not frame.
6. Maximum of 5 leaves per side. Must be factory thickness and have factory step-down.
7. Compact differentials only. No differential bracing.
8. Aftermarket engine cradles allowed, no "extreme" setup. Call with questions.
9. Distributor protectors, carb protectors. And tran. Bracing is Not allowed. Valve cover, fuel pump protectors, etc. are allowed, but cannot strengthen car. Call with questions.
10. Tie rod ends may be reinforced, but must start with originals (not home-made). A-arms may be bolted or welded with two 2"straps.
11. Frame and body seams may be welded.

12. K-frames may not be welded.
13. Door and trunk seams may be chained, wired, bolted, or welded shut, 5" max. weld, 5" min. gaps.
14. Hood may be chained, wired, or bolted shut pick only 1). Max. of four 1" hood pins with 6" max. washers. Only two may go to frame. They may be welded in place.
15. Trunk may use up to four 1" ready rod with 4" max washers. Only two may go to frame. They may be welded in place. May also be welded shut also, 5" on, 5" off.

Additional Rules for Demo Mowers – This is a weld class

1. All of the demo competition and safety rules apply with the following additions/exceptions:
2. Must be 12 to participate. Under 18 must have parent/guardian signed and notarized permission to participate.
3. Mower must be a factory available lawnmower or garden tractor with a maximum of 18 horsepower, 1 or 2 cylinder, vertical shaft motor. No horizontal shaft engines.
4. No rear engine mowers allowed. Engine must be factory mower engine (i.e. Briggs, Tecumseh, Kohler, etc.)
5. No frame modifications or reinforcement allowed unless specified.
6. Welding permitted using up to 1" Max welds with 3" minimum gaps. NO SOLID WELDING! You must build leg guards from foot pegs to rear fenders. This can be square tube, angle iron, or black pipe to protect your legs and feet. It must be welded or bolted and must stay in place or you will be disqualified. Shifter guard is strongly recommended to protect your hand/arm if shifter is mounted on fender.
7. You may have all thread up to ½" diameter to bolt hood to frame in no more than 2 places.
8. You may weld or bolt a small bracket to protect spark plug. This must be fastened to motor only.
9. You may weld spider gears on C clip rear ends.
10. No welding or added bolting on steering, frame, or front axle. If it is a factory pivot front axle it must function.
11. Hood must stay stock and intact with the exception of replacing plastic/fiberglass hoods/panels with sheet metal but must stay same size/style as original. All mowers must run a factory hood and fenders and must have the hood either bolted or welded down to dash panel around driver area, bolts only – NO SCREWS. 3/8" size max. Max of 6 bolts (3 per side).
12. Mowers must have working brakes and forward and reverse gears at the start of heat.
13. Engine bay reinforcement is permitted with up to 1" angle iron, 3/16" thickness. May have up to 2 uprights, 2 forwards, and 1 across to fasten hood/shields to. It must be contained INSIDE hood and maintain factory body lines. Reinforcements may come in contact with but may not be fastened to the motor in any way.
14. Gas tank with secure cap and a max of 1 gallon of gas must be secured in the cowl or entirely below the seat. Fuel fill neck cannot stick out. Officials reserve the right to disqualify any fuel tanks they deem unsafe to run. Any gas leak and you're done for heat.
15. A rear bumper is permitted but it is not allowed to extend more than 4" out and must stay inside the width of the inside of the rear tires. It may be no more than 1 ½" square tube or pipe and must not have any sharp edges, points, or protrusions. Bottom of bumper must not be below axle height. Halo Bar and seat protector behind seat REQUIRED and must connect to

fenders or leg protection structure. Must have safety chain to hold seat from flipping up. NO SEATBELT REQUIRED!

16. Changing of pulleys is permitted and encouraged. Any and all drive train modifications are permitted but must stay belt driven. No chain, shaft, or friction drive mowers allowed.
17. All mowers must use lawnmower type rims. Tractor treads, cut or grooved tires permitted. No tire chains, studs, duals or all steel wheels are allowed. No valve stem protectors. Tires must be filled with air only.
18. Mower deck and all other utilities must be removed (such as tillers, loaders, or snow blowers).
19. Plastic dash and steering wheels may be left in place but all other glass, plastic, fiberglass and trim must be removed.
20. Batteries may be left in mower if it is properly secured and covered. Must be a mower or ATV battery. Any pull start engine must be able to be restarted from the seated position with the hood closed.
21. No front bumpers allowed. Front of mower must be factory style/straight front end. Top of hood may not measure over 36".
22. Mower must have number on each side and on top of hood. No number tents/plates. Original style exhausts only.
23. For your safety – if a mower rolls over, all participants must stop and wait until the mower is upright and driver has safely exited the arena. If your hand or foot touches the ground, you are done for that heat.
24. Mower inspections will be done by designated officials only. This is a new event, and if you see something or have ideas, please call, ask questions, and learn. We want to keep this an inexpensive part of the sport we can all have fun with.
25. At officials' discretion, we reserve the right to change rules to keep the event fair and efficient. Officials' decisions are final.
26. Mower payouts: \$250 for 1st and \$125 for 2nd.