

2011 Bump 'N' Run Car Rules

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ELKTON SAFETY & SET UP PREPARATION OF BUMP 'N' RUN CAR

1. Vehicle must be free of all antifreeze. Only exception is pre-approved environmentally safe antifreeze.
2. Wheel base must not exceed 116" on a full size car and wheel base must not exceed 111" on a FWD car. A maximum of 6 cylinder engine for a FWD car will only be allowed. Two wheel drive vehicles only.
3. **Roll cage is mandatory**; it must be restricted to driver compartment only. All Bars must remain in driver's compartment. **ABSOLUTELY NO BARS EXTENDING 9 INCHES PAST DOOR SEAM.** Roll cage is to be designed for the protection of the driver only.
4. Driver's door interior upholstery must remain in place or be suitably replaced. Driver's door must be reinforced. Reinforcement may be achieved by way of using an appropriate roll bar with care or must be made by one or all of these methods: Two pieces of pipe (at least 2 inches in diameter) across outside of door not to exceed 9 inches in front of or behind door seams; or recommended method is a steel plate 1/8 inch thick and minimum 16" in width welded or securely bolted to full length of outside door, not to exceed 9 inches in front or behind door break. Center line of plate should be at driver's hip height. All other doors must be securely fastened by chain, wire, seatbelt, or welded. No sharp edges or protruding bolts. Approval will be subject to official's discretion. Quick release mesh net may be placed on the driver window only.
5. **THE STOCK FUEL TANK must be removed on FULL SIZE CARS ONLY.** An auxiliary tank must be used and placed on the floor from the midline of the car interior to the left side of the vehicle behind the driver's seat and no further rearward than the rear axle. Auxiliary tank must be made of steel or a designated plastic fuel tank, not to exceed seven (7) gallon capacity. Fire shield must be placed between driver and fuel tank. Fire shield is a non-flammable material securely fastened around tank completely covering tank, to keep gasoline from splashing on the driver if it should rupture. Any leakage of fuel will lead to immediate disqualification of car. Electric fuel pumps must have an on/off switch in the driver's reach. Gas Lines inside of the vehicle must be made of steel and not exceed 12 inches of rubber at each end. **FOR COMPACT CARS: a minimum of two metal straps must be added to secure fuel tank in stock location.**
6. All glass and debris must be removed from the car prior to coming to the event. This includes mirrors, tail lights, headlights and windshield. Any broken glass must be completely removed from vehicle. Screen may be used in place of windshield. Chrome moldings, antenna, sun visors, and any dangerous objects must be removed. All interior upholstery except driver's
7. Each driver must wear safety goggles or a shield during the race. Approved seat belt, shoulder harness, and full helmet with chin strap are required. If no shoulder harness is available, a full face helmet is mandatory.
8. Only one (1) automobile type battery is permitted and it may be located in front passenger compartment only. Battery must be securely fastened and covered with a non flammable material.
9. All cars must have working brakes to enter.
10. It is recommended that all engine mounts be chained, wired or welded down. Radiator must remain in original position or be removed. If Transmission oil cooler is modified out of its original mounted position it must remain in engine compartment behind the radiator and only steel lines can be used with only six (6) inches of rubber line at the cooler. One radiator protection bar may be placed in front of radiator maximum 3" tube, the width of the frame with one support for each side not exceeding 18" back, must be free standing, no welding to core support. Vertical radiator protection bar must be behind bumper. All exhaust pipes must exit down or straight up through the hood.
11. All excessive holes in firewall and front door panel must be covered with non flammable material.
12. All inflatable restrains must be removed (airbags). Trailer hitch must be completely removed.
13. No blocked shocks, spring jacks, or shackles are allowed. Car must have free suspension. Air shock lines must be cut. One Skid plate is allowed not to exceed 1/4" thick maximum size 12" x 18" for the purpose of covering the engine and transmission oil pan.
14. The only plating allowed in engine compartment is a 4"x8" piece of 1/4" steel on the core support and fire wall for the hood pins. One 8"x4" piece of 1/4" steel in center of fender will be allowed for center hood fastener. No supporting or bracing under the hood will be allowed including corner plating, core support bracing, and no tubing inside fenders. Hoods must be securely fastened down in a minimum of 4 places (chain must not exceed 1/4 inch diameter). All cars must have at least an 18 inch hole cut in the hood over carburetor. Hood sheet metal must remain over the top of the fan blade. Electric fans are okay. A mandatory bar or chain must be installed between roof and cowl (middle of windshield). This is to keep hood from coming into the driver's compartment.
15. Trunk lid seams may be welded and have a 12" inspection hole either on trunk lid or speaker deck. No reinforcement of trunk compartment will be allowed. Rear bumper must be securely fastened by chain, weld or cable. Chain or cable must be through the bumper and deck lid in two places. Rear bumper may be fastened with minimum of two (2) 1/4" X 4" wide X 16" long. The bumper horns must be removed. Rear bumper may be fabricated not to exceed 6" wide 1/4" thick. Front bumper must be automotive type bumper if not welded securely; the bumper must be securely fastened by method of chain, wire or cable that extends through the bumper. **NEW RULE:** Front bumper reinforcing is limited to strapping the corner of the bumper to the fenders with 1/8" maximum 8"x18". No other plating or reinforcing will be allowed.
16. Any added, replacing or covering rusted sheet metal must be done with the 14 gauge (.078) or thinner sheet metal thickness on front clip. Any added, replacing or covering rusted sheet metal must be done with the 1/8" or thinner sheet metal thickness from front door seams back. Sheet metal will be limited to patching of damaged area. Vehicles that have full frames, rear outer frame hump may be reinforced with a plate maximum of 1/4" thick by 4" wide by 12" long placed horizontally. Rear horizontal brace should not exceed 3" maximum from frame rail to frame rail. All frame seams can be re-welded. Pre-run cars that frames are bent may be plated with 1/4" thick maximum by 12" long maximum. Absolutely no welding body to frame! All frame reinforcement must be visible, no enclosing or frame filling. **NO** other reinforcements will be allowed. **FWD ONLY:** one brace from side to side no longer than 2" round or square on rear spring tower may be

placed. Welding and plating will be at the discretion of the Bay County Fair Race Officials.

17. No double or liquid/chemical filled tires allowed. Tires must not exceed 16 inch rim or 30" height or **8ply-D Load range maximum**. Tire size must be visible. (Highlight with chalk, paint, or etc.). Valve stem protectors are permitted. No studs or screws in rims to hold tires. No studded tires. ***MUST BE D.O.T. APPROVED.**

18. Race Officials reserve the right to drill a hole through the suspicious area(s) of the vehicle in question. No drill, No Run!

21. Car numbers are received on a "first come, first serve" basis, you may be required to change your original number if it is already taken.

22. Any driver or pit crew member in violation of any of the Elkton Chamber of Commerce Running and/or Safety and Set-Up Preparation of Car Rules and Regulations may lead to disqualification and/or suspension.