

2017 LENOIR COUNTY AGRICULTURAL FAIR DEMOLITION DERBY

CARS PERMITTED: Any two or four door hardtop or station wagon as long as it is a compact car. All wheel or four wheel drive must have drive shaft or axles removed to make it a two wheel drive. No Full Size cars allowed

1. DOORS: weld, chain, or wire in maximum 3 places per vertical seam. If welding, total of 12" weld per vertical seam permitted (that's three 4" welds per vertical seam for the mathematically challenged, don't test it unless you like cutting in the pits).

2. DRIVER'S COMPARTMENT: Reinforcements are permitted inside the driver's compartment to address safety concerns only, not to strengthen the chassis. A roll cage, 4 point cage/roll over bar or door-to-door bar are permitted and recommended but not required. Reinforcements cannot be secured to the frame/unibody frame or extend into the back seat area. Bars touching the floor can be secured to floor pans only. It is the inspector's discretion as to whether you cross the bounds of safety vs. reinforcement and you may be asked to make changes. Driver's door padding is recommended.

3. GAS TANK: May remain stock in factory position if mounted in front of rear axle, OR if using a modified tank it must be steel or tank must be in a steel box securely mounted in the CENTER of the backseat area, covered with a metal firewall. No rubber tie downs permitted. If using an electric fuel pump, it must shut off with ignition/toggle switch mounted within reach of the driver and must clearly labeled with "ON" and "OFF".

4. BRAKES: All cars MUST have brakes in good operating condition.

5. BUMPERS: Any year car bumper may be used. Instead of a factory bumper, you may use a single piece of hollow square steel tube as a bumper. Maximum size of tube is 3 inch x 3 inch square cross section, ¼ inch wall thickness. MUST be one single piece, flat across with no contours. Factory skin must be added to appear as a "stock" bumper. If factor bumper isn't used it may not extend no more than 4 inches past the frame on each side. You may bolt wire or weld it on we don't like bumpers on track so make sure it's secure but no adding metal to the frame you may use a 1/4 x2 inch piece of angle on the side to secure it everyone should ask if you are not sure about how to do this I will make you cut it off if I feel you are reinforcing

6. ENGINE: Any make or model providing same cylinder size is used. MOTOR MOUNTS: Engine may be secured to the frame by any method that does not strengthen any other components.

7. HOOD/TRUNK: each must be tied down in maximum 4 positions after inspection, using #9

wire or ¼ inch diameter chain on each. FIRE REGULATION: One hole is required in the hood for fires, minimum of 12 inches in diameter. TRUNK LID may be cut or removed. If kept on car, must have a 12inch hole in trunk lid for inspection. Avoid excessive prebending or you will be asked to change it during inspection. NO BODY PEENING. If in doubt, call ahead or don't do it. The stock look of the cars is to be maintained.

8. SUSPENSION: Suspension MUST be stock, and move up and down freely. Car MUST sit at stock height, (maximum 20 inches from the ground to the center of the front and rear bumper.) Frozen shocks are illegal. Coil springs may be wired or tack welded by mount, leaf springs must remain stock.

9. FRAME: Must remain stock, exception, may be notched in the rear portion of the frame behind the rear axle.

10. TIRES:

a. must be a rubber tire 13inches in size or bigger. Valve stem protectors are OK. Doubled tires are ok. No bead locks.

11. BATTERY: One car battery. Car battery must be relocated to the passenger side floor, it must be secured and covered.

b. All air bags must be disconnected and removed.

12. TRANSMISSION: Any make or model. May be modified, providing support bracket is stock (Example: If original support was bolted new support must be bolted) with no reinforcements, rubber transmission mount must be stock. Shifter may be modified. Transmission lines may be bypassed; transmission cooler must remain under the body/hood. Any car driveshaft may be used except slider type.

13. DIFFERENTIALS: May be modified.

14. EXHAUST PIPES: MAY remain STOCK and extend beyond the driver's seat. Muffler and converter must be removed. Cars may have stacks coming through hood.

15. FENDERS AND INNER / OUTER WHEEL WELLS: MUST be in place, minimum clearance is permitted, don't get carried away. Plastic inner wheel wells may be removed.

16. DASH: Dash board may be removed; all sharp edges must be covered.

17. GLASS: All glass MUST be removed, including headlights, plastic taillights, bulbs, mirrors and windshield. Broken glass anywhere in the car (doors, body panels, trunk, etc.) must be removed or the car will not be admitted. All cars must have 2 steel straps mounted in front

windshield area.

18. HEATING/COOLING SYSTEM:

- a. Radiator may be bypassed, but if used must remain in original position with no reinforcement. All antifreeze must be drained and replaced with water.
- b. Heater system may be bypassed or removed.
- c. Freon MUST be removed from ALL air conditioning units per Federal Regulations.

19. IGNITION SWITCH: (HOT WIRING) Complete ignition switch may be relocated, if using a toggle switch must have "ON" and OFF" labeled on switch.

20. INTERIOR/EXTERIOR:

- a. ALL carpet, visors and both rear seat cushions MUST be removed. If front passenger seat is removed, a bar must be installed from the driver's door to the passenger door, directly behind the front seat for extra support.
- b. Fiberglass/plastic front/rear clip and grill parts and all loose materials, mirrors, wheel covers, sharp hood ornaments, trailer hitch/hitch brackets and all soft chrome molding MUST be removed.
- c. All dirt and loose pieces of glass MUST be swept / vacuumed out of car and doors.
- d. Door handles may be left on the car.

21. ROOF: All sunroofs must have glass removed and covered/fastened with sheet metal of same strength as roof material. Vinyl roof cover may be removed.