

2011 Stock Rules

All rules will be followed or you will not run! If it does not say it in the rules –don't just assume you can do it. CALL FIRST!!!!

1. THUNDER VALLEY HAS THE RIGHT TO REFUSE ANY ENTRY AND SPECTATOR ADMITTANCE.
2. All cars should be signed in one hour before race time and inspected 1/2 hour before race time. Late fee will apply. This is to ensure the race starts on time.
3. No reinforcements allowed other than specified below. Any metal added to reinforce the car is illegal.
4. Cars are subject to re-inspection before any prize money is handed out. Cars found illegal will be striped of all prize money for that event.
5. Any questions or controversies will be discussed at the drivers meeting.
6. All persons MUST sign entry form, insurance waiver, release form, pay entry fees, and purchase pit pass before entering pit area.
7. All drivers & Riders MUST be 18 years or older. MUST be able to provide proof of age at the request of officials. Persons under 18 years old MUST have parents or guardian sign minor waiver and release form. NO EXCEPTIONS.

AUTOMOBILE BODY REGULATIONS ALL JUDGES DECISIONS ARE FINAL

1. 80 & Newer Passenger cars or station wagons only. Cars previously run in Demolition Derby may not install new front clip
 2. All glass, side windows, rear windows, headlights and taillights, must be removed before reaching racetrack. Rolling down windows is not permitted.
 3. Rear seat of sedan must be removed, top and bottom. On station wagons all seats and decking must be removed. All cars must be swept clean, both drivers compartment and trunk.
 4. Cars must have a seatbelt and working brakes. MANDATORY!!
 5. Battery may be moved, but must be securely fastened and covered in passenger compartment. MAXIMUM OF ONE AUTOMOBILE TYPE BATTERIES ALLOWED.
 6. Any type automotive radiator may be used but must be mounted in stock position. NO RESERVE TANKS.
 7. All doors may be welded, chained or wired. Straps should not be larger than 1/8 inch thick or 2 inches wide. Only weld vertical doors seams on doors skins only. (Cannot weld window frame, top or bottom of door)
- HOODS, TRUNKS, AND BODY BOLTS ALL JUDGES DECISIONS ARE FINAL

1. Hoods must have two (2) holes, at least four (4) inches in diameter on each side of carburetor –'96 Not directly on top of carburetor. IF HOOD IS REMOVED, EITHER FAN BLADE MUST BE REMOVED OR FAN BELT MUST BE CUT.
2. On all cars, hoods, trunks, and tailgates may be secured with the following method: 2 -3/4" inch althread on front of car, must be outboard of radiator with a washer no larger than six (6) inches O.D. and 1/4 inch thick. four (4) 5/8 inch O.D. bolts with stamped washers. Total of 6 bolts holding the hood down, chain or wire in six places. All wire MUST be mounted outboard of radiator. On deck lid or tailgate six (6) 5/8 inch O.D. bolts, chain or wire in six places. All body mount bolts and rubber spacers must remain stock!
3. A minimum of one bar, chain, or wire running from the outside (top) of roof down to the cowl on the front window is MANDATORY for safety. Maximum of two. REAR WINDOW BARS ARE NOT ALLOWED!

CAGE AND HALO BARS ALL JUDGES DECISIONS ARE FINAL

1. You should have a six (6)-point cage, cross bars may be ran as follows, one across dash, one behind front seats, and one in rear seat area. No down tubes. Nothing out of drivers'92 compartment. No grater blades, metal plates or tubing on exterior of body.
2. Halo bars are allowed. Can only be attached to door bar. Can not be run to the frame.

FRAME ALL JUDGES DECISIONS ARE FINAL

1. You may notch the frame for minimal pre-bending, but do NOT weld the cut.
2. All trailer hitches MUST be totally removed.
3. No welding on frame anywhere other than welding bumpers on. No pitching of frame. No cold bending of frame. Do not alter the frame in anyway.

BUMPERS ALL JUDGES DECISIONS ARE FINAL

1. Any OEM stock automobile bumper may be bolted or welded to the stock OEM shock canister or bumper brackets. You may use two (2) pieces of light chain per shock. Fenders and bumper ends may be trimmed to allow for wheel clearance. You may weld bumper to frame without shocks, but no added metal!

SUSPENSION ALL JUDGES DECISIONS ARE FINAL

1. Stiffness of suspension will be left up to the discretion of the driver. A-arms may not be bolted or welded to the frame.
2. Homemade tie rods are not permitted.
3. Homemade steering shaft is not permitted.

ENGINE AND TRANSMISSION ALL JUDGES DECISIONS ARE FINAL

1. Any engine or transmission may be used in any car, but must be mounted in a stock position. On a V-block motor, front spark plugs must be even or in front of upper ball joint; on in-line motors, number two (2) spark plug must be even or in front of upper ball joint.
2. Chained, welded, or homemade motor mounts will be permitted, but must meet approval of officials.
3. Any type of header is allowed, but must be directed away from driver compartment.
4. Transmission oil coolers and engines oil coolers are permitted. All tranny lines must be wrapped or run through PVC. Inspection personnel must approve all mountings, lines, and fittings.
5. Skid plates are allowed. Must be separate oil/transmission plates. No full-length skid plates. No bolting or welding to frame.
6. Distributor protectors are not allowed.

GAS TANKS ALL JUDGES DECISIONS ARE FINAL

1. Stock gas tank MUST be removed. A plastic or metal boat tank or homemade tank must be mounted in rear seat area and bolted down with metal straps and bolts. NO GAS CANS with hoses duct taped. A Marine (boat) tank or an official approved homemade tank is mandatory. All tanks MUST be covered with a rubber cover. All tanks MUST have secure cap. All lines and fittings MUST be leak proof and meet approval of Officials. Electric fuel pumps are permitted but MUST have shut-off within reach of driver. NO MORE THAN ten (10) GALLONS OF GAS IN TANK.

REAR END ALL JUDGES DECISIONS ARE FINAL

1. Any automobile rear end (NO TRUCKS OR FLOATER REAR ENDS) can be used in any car. This rule does not mean you can transform a coil spring to leaf spring or vice versa. On models originally equipped with leaf springs, stock leaf springs and hangers MUST be used. Leaf packs on all cars may have no more than 5 leaves per pack Must be OEM stock for car it is on. Rear end spider gears may be welded solid. Trailing arms may not be reinforced.
2. Any automotive drive shaft or U joint may be used. Welding of drive shaft is permitted. NO SLIDER SHAFTS.
3. You may not add spring clamps.

TIRES ALL JUDGES DECISIONS ARE FINAL

1. Only sixteen (16) inch or smaller tires and wheels will be allowed. NO SPLIT RIMS ALLOWED.
2. Valve stem protectors, liquid in tires permitted or screws in rims to hold tires in place permitted.

RACING REGULATIONS ALL JUDGES DECISIONS ARE FINAL

1. All drivers must wear approved helmets, eye protection, long pants, and shirt.
2. All drivers must attend drivers'92 meeting prior to derby.

Any questions contact:

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