

2012 BEDFORD/ THUNDER VALLEY FWD FOUR CYLINDER RULES 8/20/12

All cars must be stock four cylinder front wheel drives, No cars newer than 2007. **VIN number plate must be on car and be legible.**

1. ELIGIBILITY

This is an entry level division to introduce newcomers to the sport at a moderate expense level. Those reaching a particular ability level will not be welcome in this division. This division is a novice division, and intended ONLY for those at that ability level.

2. ROLLAGE

- A. All cars must have a four point rollage with three door bars on the left side and two door bars on the right side.
- B. All bars must be welded 360 degrees and gusseted. Roll cage must be securely fastened to the floor via plating and gussets, or by constructing a box frame welded to the floor to serve as a foundation for the roll cage.
- C. Front bars must follow the contour of the windshield.
- D. All tubing must be a minimum of 1 1/2"x .095".
- E. Driver must have 2" of clearance above helmeted head.

3. BODY

- A. Windshield must be removed and replaced with a full screen with two 2" x 1/8" straps in center.
- B. All glass and plastic must be removed.
- C. All doors and trunks must be bolted or welded shut. Front hood pins are recommended.
- D. Numbering must be legible, highly visible and contrasting to car. Numbers must be 18" high. Any letters must be 9" high. Numbers must be easy to read.
- E. Body must remain stock. No body altering or non-factory spoilers.
- F. Must have front and rear tow hook capable of supporting the weight of the car. (\$25 fine if car has to be towed and tow hook is missing.)

4. INTERIOR

- A. All interiors must be removed except for the dash which is optional.
- B. Bars within drivers reach must be padded.
- C. No metal panels may be removed.
- D. All holes in firewall must be covered with metal.
- E. No boxing of interior
- F. No rearview mirrors allowed.

5. ENGINE

- A. Four cylinder, non-turbo engine.
- B. Engine size and model must have been available as original factory option for that car.

No swapping of engine makes. I.e. Acura to Honda, etc.

C. Must use stock exhaust manifold.D. Batteries can be relocated to the rear of the car (but in front of the rear axle), but must be enclosed and sealed in a steel battery box. The battery box must be securely mounted to the floor.

E. Engine and all components must remain stock. Engine mounts can be reinforced but must remain with the stock rubber and must function as stock. No solid mounting.

6. SUSPENSION

A. No altering of any suspension components.

B. All parts must remain stock.

C. All parts and components must be in good condition.

7. BRAKES

A. All four wheels must have properly operating breaks.

B. No three wheel setups or modifications.

8. WHEELS AND TIRES

A. 13" or 14" wheels only. 15" wheels will be acceptable if it was a factory size for the model being run.

B. Steel wheels only.

C. Right front wheel may be reinforced but stock dimensions may not be changed.

D. Must have oversize lug nuts.

E. Tires may be 65, 70 or 75 series only and must be DOT approved.

F. No winter or rough tread tires.

G. No grooving or altering of tires.

H. All four tires must be the same size

9. WEIGHT

A. After a car has won three or more times 50lbs extra weight must be added. For each additional win, 25lbs will be added.

B. Added weight is based on 2011 Thunder Valley wins and 2012 Bedford and Thunder Valley wins.

(Ex. Four wins at TV in 2011 means car must have 75lbs additional weight)

C. Any added weight must be clearly marked and secured. Location of weight to be determined by the tech inspector

10. SAFETY

A. Must have an aluminum racing seat with head rest.

B. Must have a five point quick release racing harness. Harness must be snell approved and no older than three years. Harness must be securely attached.

C. Approved firesuit, socks and gloves are mandatory. Fireproof hood and shoes are recommended.

D. Full face helmet with lexan shield snell 95 or newer is mandatory.

E. Window net with latches accessible from outside the car is mandatory.

- F. Fire extinguisher, within reach of the driver and safely mounted is mandatory.
- G. Must have a collapsible steering shaft (from factory).
- H. Removable steering wheel is mandatory. Wheel must have a racing quick release.
- I. Recommended that driver's door bar be plated with 1/8" aluminum or steel.
- J. Fuel cells are recommended but if not used, fuel tank must have a skid plate.
- K. **If stock fuel tank is used stock fuel pump must be used. If fuel cell is used only one fuel pump producing stock fuel pressure may be used.**
- M. Any car may be refused the opportunity to race if safety equipment is deemed unsafe.

11. CAR CLAIM

- A. After its third win of the year, the feature winning car may be claimed for \$1000.00
- B. Any car may be claimed by the speedway at any time.
- C. Claim must be made no longer than ten minutes after the feature race.
- D. Driver making claim must finish in the top five and on the lead lap.
- E. Claims carry a \$200.00 supervisors fee that is non-refundable regardless of outcome of claim. Total claim amount must be given to TV official at time of claim.
- F. Competitor must forfeit their car, as it was when the race finished. Only safety items (seat, belts, window net, and fire extinguisher) may be removed.
- G. If competitor refuses the claim, claimed car will be disqualified, and will not be permitted to race the following two events. (\$200.00 fee will not be refunded)

12. PENALTIES

The technical rules contained here have been assembled with great concern toward maximizing competition and minimizing costs. Rule violations will not be tolerated. Major violations will result in disqualification, loss of points, and prize money earned. Depending on the severity and the intent of the violation, there could be a suspension from future racing activity at the speedway. Minor violations will be considered major if they are not corrected in the grace period allowed by the tech team. Any car must be presented for the scrutiny of the tech man at our request, and results will not be considered official until we are satisfied. Any claiming must be done in an orderly manner, in cash, and under the conditions previously specified. If at any time the conduct of any team member, driver or associate becomes a discredit to the speedway, the sport, or himself, they will be removed from all racing activity at the track. Owners/drivers are responsible for the behavior of all individuals associated with the car and may suffer similarly. These rules have been designed to facilitate the orderly conduct of and establish minimum or maximum requirements for the events. No express or implied warranty of safety shall result from publication or compliance with these regulations. Management is empowered to, at their discretion, deviate from specifications described herein. Management reserves the right to update these regulations at their discretion, in the interest of cost, safety, or fairness. Management's interpretation of these regulations will always be considered final.

Management has the right to confiscate any part deemed to be in violation of the technical rules. Any driver/ car found to be in violation of any technical/ procedural rules can have their racing privileges revoked for any length of time deemed appropriate by management