



**Indiana's Finest
3/8ths Mile
Asphalt Speedway**

2008 THUNDERCAR RULES

Plymouth Speedway

Section A: Eligible Cars - All cars must be full-frame.

Weight Rule for cars with less than 115" Wheel Base Minimum 3300 lbs (subject to change)

No t-tops, convertibles or sunroofs.

Section B: Engine and Transmission –

1. Engine must be stock for make and models and can not exceed 400 C.I. for GM products. No 492, 906 (replacement part #) or other high performance castings allowed (stock or not). Stock Intake Manifolds Only .
2. Engine must remain in stock mounts. All parts must be O.E.M. **Nothing can be done to the engines at all.**
3. Flat Top Pistons –Stock Rocker Arms (No Rollers or Roller Cams) 4412 Carburetor or Stock Carburetor O.K.
4. No center dump exhaust allowed. The max. pipe dia. is 2" & exhaust must end within 18" of rear end housing.
5. A radiator overflow catch can must be installed with a 1-gal. capacity. Overflow hose to exit on windshield.
6. Use if Antifreeze is not allowed and its use will result in a fine.
7. No extra transmission or engine coolers allowed. Transmissions must have 3 forward gears. No Power Glides

Transmission must have Torque Converter.

8. Posi-trac, Limited Slip Rear Ends, Welded or Locked Differentials will be Allowed

Section C: Suspension, wheels, tires and brakes

1. All suspensions components must remain stock (O.E.M.) or Junkyard Parts and unaltered.
2. Racing Spring is O.K., Adjustable Sway Bar Will Be Allowed But Must Remain in Stock Location
- .3. Brakes must work on all four wheels with no brake bias devices allowed.
4. The max. wheel width is 8 inches. In the interest of safety, aftermarket, heavy-duty wheels will be allowed. No aluminum or magnesium wheels. All wheels are subject to tech approval.
5. Tires must be standard Radial D.O.T. 15 inch passenger car tires, 70 or 75 series only.

Section D: Body, Frame and Interior

1. All exterior components and frame must remain in tact. No modifications can be made to the floor pan, firewalls, All aspects of the car must remain strictly stock.
2. Lightening or Gutting of Car O.K.. Doors must be welded, bolted or chained shut. Hinges and latches may be unbolted (not cut) from hood.
3. When destroyed, bumpers may be replaces on car with a full size, unaltered, steel bumper shell and mounted over min. 2x3 square tubing. The bumper must fully cover the tubing it is mounted on.
4. All glass, excluding front windshield must be removed from every area of the car (headlights, taillights, mirrors, etc.).
5. All cars must be swept of glass before entering racetrack grounds.
6. Front windshield may be replaced, if necessary. (Lexan acceptable) Windshield protection bars may also be used.

Section E: Safety

1. Batteries may be mounted in stock location or any other safe position. If in the driver's compartment, it must be mounted inside a safe and securely mounted battery box. The battery must be covered.

2. A firewall must seal the trunk from the driver's compartment.
 3. All drivers must use approved 5 pt. safety harness belts, approved racing helmets and must wear an approved fire suit at all times on the track. Window nets are required.
 4. The stock gas tank must be removed and replaced with a securely mounted marine type tank, steel or plastic.
It must be installed above the middle of the trunk floor and as far forward as possible.
 5. The tank must full from inside the trunk with no holes cut in trunk lid. One tank only and fuel cells are optional.
 6. No fuel lines may go through the driver's compartment and electric fuel pumps allowed.
 7. A full, 4 pt. cage may be used with no front or rear hoops or front or rear cage supports. Door bars may be installed.
 8. Support Bar May Be Added To The Front And Rear But Must Remain Inside Body Panel....
- The 2008 Plymouth Thunder Car Rules are subject to change if Needed :